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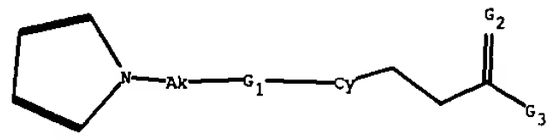

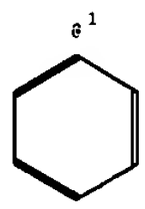

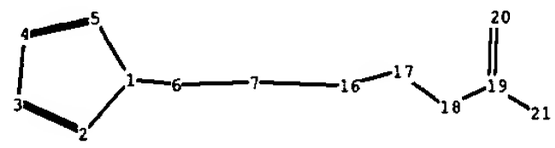

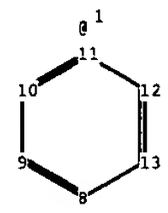

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6 7 16 17 18 19 20 21
ring nodes :
1 2 3 4 5 8 9 10 11 12 13
chain bonds :
1-6 6-7 7-16 16-17 17-18 18-19 19-20 19-21
ring bonds :
1-2 1-5 2-3 3-4 4-5 8-9 8-13 9-10 10-11 11-12 12-13
exact/norm bonds :
1-2 1-5 1-6 2-3 3-4 4-5 6-7 7-16 16-17 19-20 19-21
exact bonds :
17-18 18-19
normalized bonds :
8-9 8-13 9-10 10-11 11-12 12-13

G1:C,O,S,N,[*1]

G2:O,S

G3:O,S,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 16:Atom 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS

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PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

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 NEWS  1          Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2  Apr 08  "Ask CAS" for self-help around the clock
 NEWS  3  Apr 09  BEILSTEIN: Reload and Implementation of a New Subject Area
 NEWS  4  Apr 09  ZDB will be removed from STN
 NEWS  5  Apr 19  US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
 NEWS  6  Apr 22  Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
 NEWS  7  Apr 22  BIOSIS Gene Names now available in TOXCENTER
 NEWS  8  Apr 22  Federal Research in Progress (FEDRIP) now available
 NEWS  9  Jun 03  New e-mail delivery for search results now available
 NEWS 10  Jun 10  MEDLINE Reload
 NEWS 11  Jun 10  PCTFULL has been reloaded
 NEWS 12  Jul 02  FOREGE no longer contains STANDARDS file segment
 NEWS 13  Jul 22  USAN to be reloaded July 28, 2002;
                  saved answer sets no longer valid
 NEWS 14  Jul 29  Enhanced polymer searching in REGISTRY
 NEWS 15  Jul 30  NETFIRST to be removed from STN
 NEWS 16  Aug 08  CANCERLIT reload
 NEWS 17  Aug 08  PHARMAMarketLetter(PHARMAML) - new on STN
 NEWS 18  Aug 08  NTIS has been reloaded and enhanced
 NEWS 19  Aug 19  Aquatic Toxicity Information Retrieval (AQUIRE)
                  now available on STN
 NEWS 20  Aug 19  IFIPAT, IFICDB, and IFIUDB have been reloaded
 NEWS 21  Aug 19  The MEDLINE file segment of TOXCENTER has been reloaded
 NEWS 22  Aug 26  Sequence searching in REGISTRY enhanced
 NEWS 23  Sep 03  JAPIO has been reloaded and enhanced
 NEWS 24  Sep 16  Experimental properties added to the REGISTRY file
 NEWS 25  Sep 16  Indexing added to some pre-1967 records in CA/CAPLUS
 NEWS 26  Sep 16  CA Section Thesaurus available in CAPLUS and CA
 NEWS 27  Oct 01  CASREACT Enriched with Reactions from 1907 to 1985
 NEWS 28  Oct 21  EVENTLINE has been reloaded
 NEWS 29  Oct 24  BEILSTEIN adds new search fields
 NEWS 30  Oct 24  Nutraceuticals International (NUTRACEUT) now available on STN
 NEWS 31  Oct 25  MEDLINE SDI run of October 8, 2002
 NEWS 32  Nov 18  DKILIT has been renamed APOLLIT

 NEWS EXPRESS  October 14 CURRENT WINDOWS VERSION IS V6.01,
               CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
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 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)
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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:32:39 ON 21 NOV 2002

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:32:47 ON 21 NOV 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 20 NOV 2002 HIGHEST RN 474043-36-2
DICTIONARY FILE UPDATES: 20 NOV 2002 HIGHEST RN 474043-36-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 09928242b.str

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 15:33:06 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 76630 TO ITERATE

09928242

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  1.3% PROCESSED    1000 ITERATIONS                                  0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **INCOMPLETE**
PROJECTED ITERATIONS:      EXCEEDS 1000000
PROJECTED ANSWERS:         EXCEEDS       0

L2             0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 15:33:12 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

<  13.4% PROCESSED  134108 ITERATIONS                                 0 ANSWERS

<  36.0% PROCESSED  360264 ITERATIONS                                77 ANSWERS

<  40.0% PROCESSED  400000 ITERATIONS                                79 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.54

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **INCOMPLETE**
PROJECTED ITERATIONS:      EXCEEDS 1000000
PROJECTED ANSWERS:         EXCEEDS     249

L3            79 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                              ENTRY    SESSION
FULL ESTIMATED COST                           140.66     140.87

FILE 'CAPLUS' ENTERED AT 15:34:15 ON 21 NOV 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE COVERS 1907 - 21 Nov 2002 VOL 137 ISS 21
FILE LAST UPDATED: 20 Nov 2002 (20021120/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For

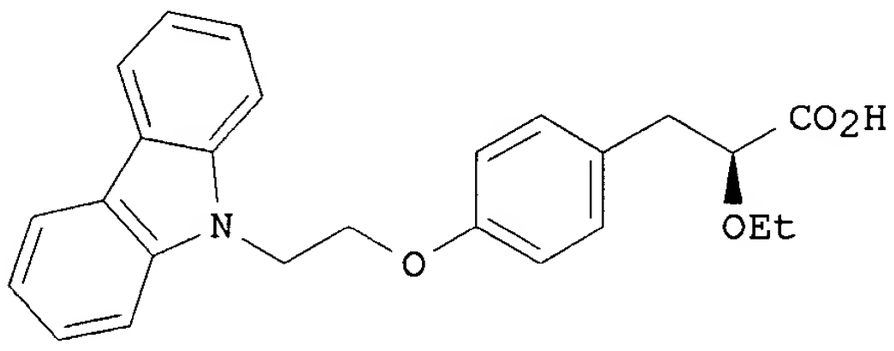
09928242

information on CAS roles, enter HELP ROLES at an arrow prompt or use
the CAS Roles thesaurus (/RL field) in this file.

=> s l3 full
L4 7 L3

=> d l4 1-7 ibib abs hitstr

L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:59016 CAPLUS
DOCUMENT NUMBER: 136:257030
TITLE: Novel Tricyclic-.alpha.-alkyloxyphenylpropionic Acids: Dual PPAR.alpha./.gamma. Agonists with Hypolipidemic and Antidiabetic Activity
AUTHOR(S): Sauerberg, Per; Pettersson, Ingrid; Jeppesen, Lone; Bury, Paul S.; Mogensen, John P.; Wassermann, Karsten; Brand, Christian L.; Sturis, Jeppe; Woeldike, Helle F.; Fleckner, Jan; Andersen, Anne-Sofie T.; Mortensen, Steen B.; Svensson, L. Anders; Rasmussen, Hanne B.; Lehmann, Soren V.; Polivka, Zdenek; Sindelar, Karel; Panajotova, Vladimira; Ynddal, Lars; Wulff, Erik M.
CORPORATE SOURCE: Novo Nordisk Park, Novo Nordisk A/S, Malov, 2760, Den.
SOURCE: Journal of Medicinal Chemistry (2002), 45(4), 789-804
CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



I

AB Tricyclic .alpha.-ethoxy phenylpropionic acid derivs. such as nonracemic carbazoleethoxypropionic acid I were prepd. and tested for their PPAR.alpha. and PPAR.gamma. agonist activities as potential antihyperlipidemic and antidiabetic agents. Mol. mechanics and X-ray crystallog. data of the complex of the PPAR.gamma. receptor with I were obtained. Db/db mice treated with I showed improved insulin sensitivity over treatment with either pioglitazone or rosiglitazone, suggesting in vivo PPAR.gamma. activity. Rats fed a high-cholesterol diet and treated with I also showed decreased plasma triglycerides and cholesterol after 4 days treatment, indicating in vivo PPAR.alpha. activity. Pharmacokinetics of selected compds. suggested that extended drug exposure improved the in vivo activity of in vitro active compds.

IT **405159-74-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and PPAR.alpha. and PPAR.gamma. agonist activity of tricyclic .alpha.-ethoxyphenylpropionic acids prepd. as potential antihyperlipidemic and antidiabetic agents)

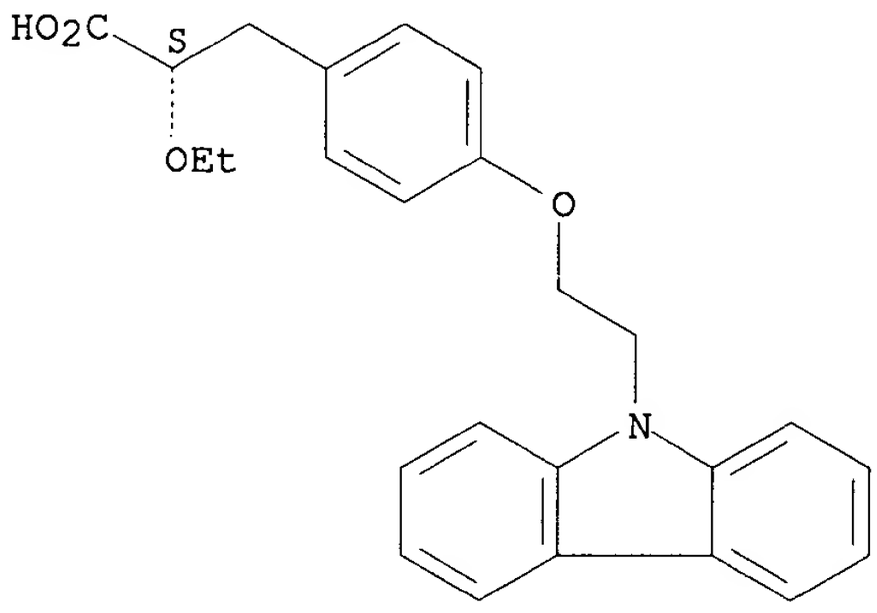
RN 405159-74-2 CAPLUS
CN L-Arginine, mono[(.alpha.S)-4-[2-(9H-carbazol-9-yl)ethoxy]-.alpha.-

ethoxybenzenepropanoate] (9CI) (CA INDEX NAME)

CM 1

CRN 265304-43-6
CMF C25 H25 N O4

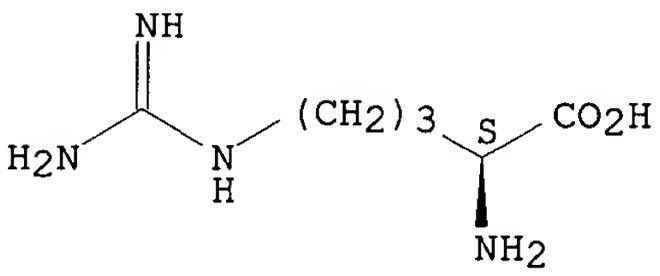
Absolute stereochemistry.



CM 2

CRN 74-79-3
CMF C6 H14 N4 O2

Absolute stereochemistry.



REFERENCE COUNT: 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:581857 CAPLUS
DOCUMENT NUMBER: 135:152799
TITLE: Preparation of novel heterocyclic derivatives and pharmaceutical compositions containing them as hypoglycemic agents
INVENTOR(S): Lesieur, Daniel; Blanc-Delmas, Elodie; Yous, Said; Depreux, Patrick; Guillaumet, Gerald; Dacquet, Catherine; Levens, Nigel; Boutin, Jean Albert; Bennejean, Caroline; Renard, Pierre
PATENT ASSIGNEE(S): Adir et Compagnie, Fr.
SOURCE: PCT Int. Appl., 67 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

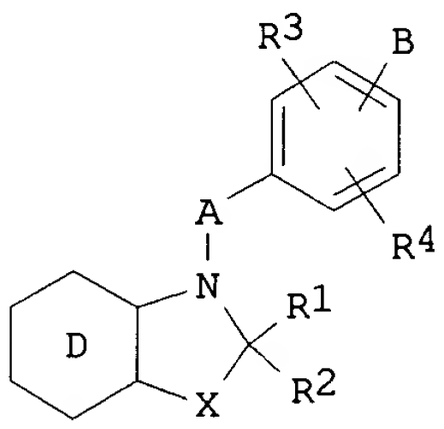
09928242

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001057002	A1	20010809	WO 2001-FR304	20010201
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
FR 2804431	A1	20010803	FR 2000-1289	20000202
EP 1252150	A1	20021030	EP 2001-904021	20010201
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

PRIORITY APPLN. INFO.:	FR 2000-1289	A	20000202
	WO 2001-FR304	W	20010201

OTHER SOURCE(S): MARPAT 135:152799

GI



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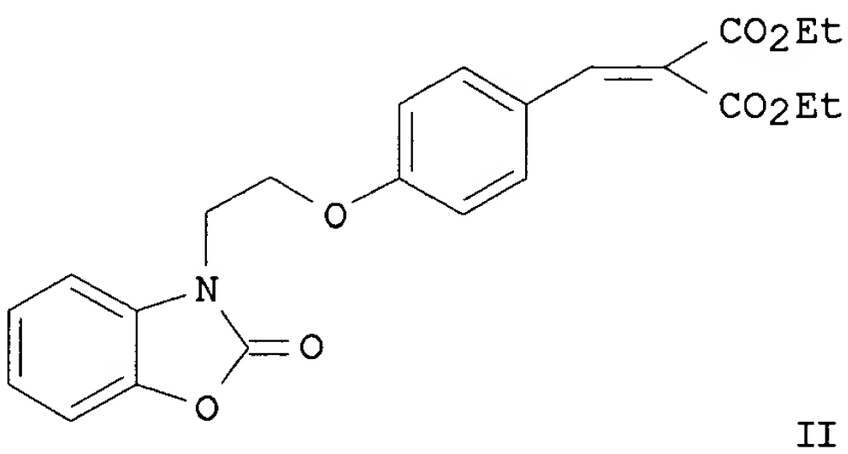


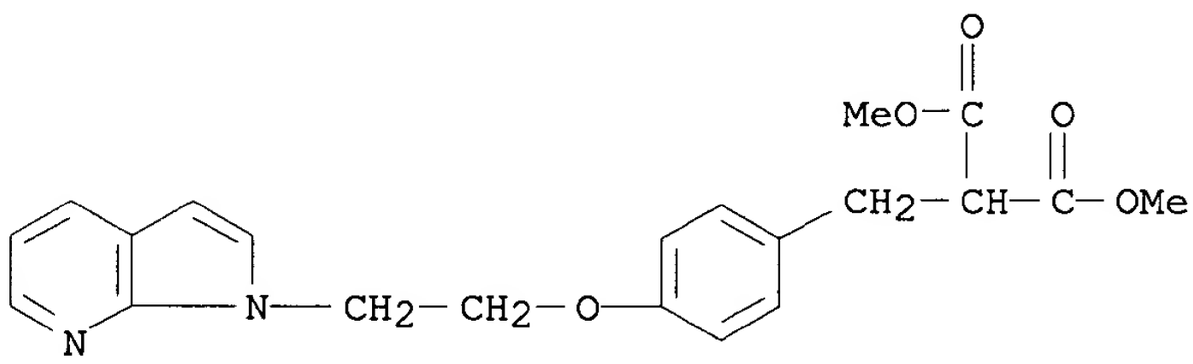
II

AB The invention concerns heterocyclic compds. I [X = O, S, CH2, CHR2'; R1, R2 = H, linear or branched C1-6-alkyl, aryl aryl-C1-6-alkyl, aryloxy, aryl-C1-6-alkoxy, C1-6-alkoxy, OH, NH2, C1-6-alkylamino, di(C1-6-alkyl)amino; R1R2 = O, S, NH; R2'R2 = a bond; A = C1-6-alkylene, C1-6-oxaalkylene, C1-6-thiaalkylene, NRa-contg. C1-6-alkylene; B = linear or branched C1-6-alkyl, C2-6-alkenyl, CH2CHR5R6, CH:CR5R6, CH2CHR5CH2R6, CH2CR5:CHR6; R3, R4 = H, halogen, R, OR, NRR'; R5 = C(:Z)Z'; R6 = C(:Z)Z''; Ra = H, linear or branched C1-6-alkyl, phenylene, naphthylene; R, R' = R'', CMe2CO2R''; R'' = H, linear or branched C1-6-alkyl, C2-6-alkenyl, C2-6-alkynyl, aryl, aryl-C1-6-alkyl, aryl-C2-6-alkynyl, aryl-C2-6-alkenyl, heteroaryl, heteroaryl-C1-6-alkyl, heteroaryl-C1-6-

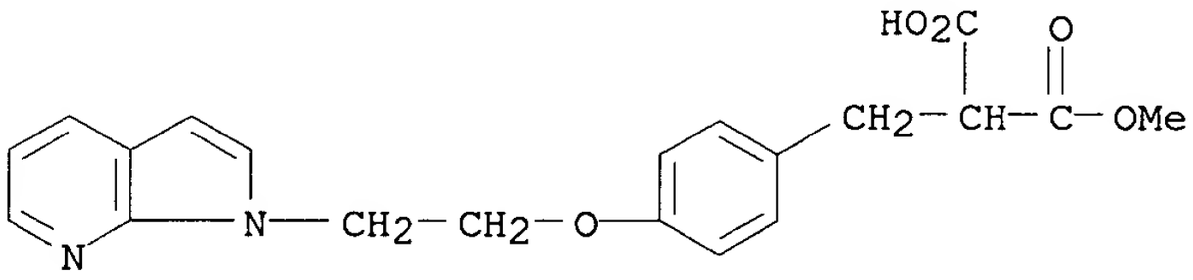
alkenyl, heteroaryl-C1-6-alkynyl, C3-6cycloalkyl, C3-6cycloalkyl-C1-6-alkyl, C1-6-polyhaloalkyl; D = (un)substituted benzene, pyridine, pyrazine, pyrimidine or pyridazine ring; Z = S, O; Z' = OR, NRR'; Z'' = Z'], their enantiomers and diastereomers and their pharmaceutically acceptable acid/base addn. salts. Thus, benzoxazole II was prepd. via N-alkylation of benzoxazolinone with 4-(2-chloroethoxy)benzaldehyde, followed by condensation with di-Et malonate. I were tested for use as a medicament for non-insulin dependent diabetes and hyperlipidemia assocd. with obesity [glycemia reduced 45% at 10 mg/kg].

IT **353280-91-8P 353282-77-6P 353283-04-2P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of novel heterocyclic derivs. for treatment non-insulin dependent diabetes and hyperlipidemia assocd. with obesity)

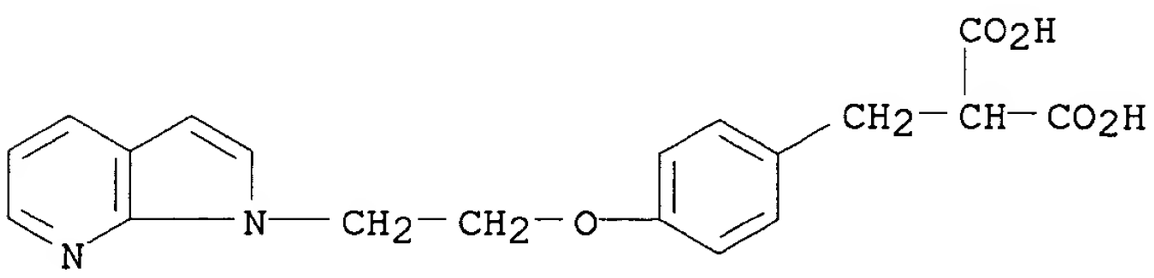
RN 353280-91-8 CAPLUS
CN Propanedioic acid, [[4-[2-(1H-pyrrolo[2,3-b]pyridin-1-yl)ethoxy]phenyl]methyl]-, dimethyl ester (9CI) (CA INDEX NAME)



RN 353282-77-6 CAPLUS
CN Propanedioic acid, [[4-[2-(1H-pyrrolo[2,3-b]pyridin-1-yl)ethoxy]phenyl]methyl]-, monomethyl ester (9CI) (CA INDEX NAME)



RN 353283-04-2 CAPLUS
CN Propanedioic acid, [[4-[2-(1H-pyrrolo[2,3-b]pyridin-1-yl)ethoxy]phenyl]methyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2002 ACS

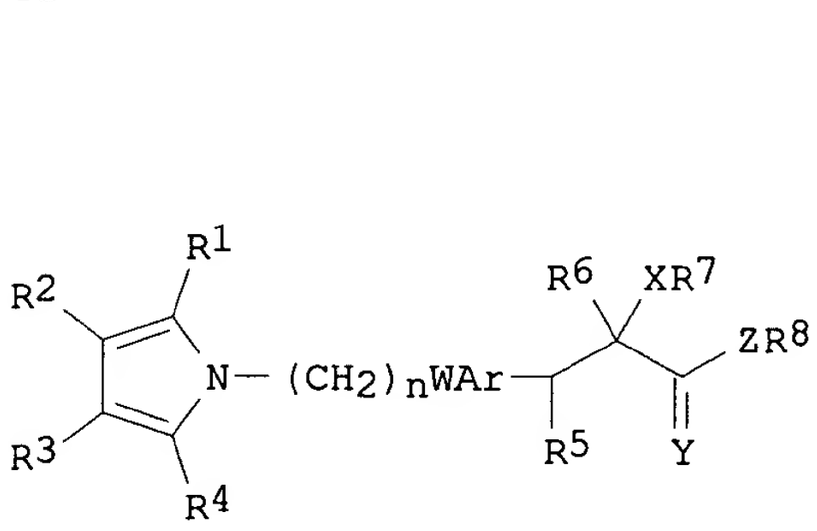
09928242

ACCESSION NUMBER: 2001:545659 CAPLUS
DOCUMENT NUMBER: 135:137396
TITLE: Preparation of pyrrolylethoxyphenylethoxypropanoates and related compounds for treatment of hyperglycemia, hypertension, cardiovascular disease, and eating disorders.
INVENTOR(S): Lohray, Braj Bhushan; Loray, Vidya Bhushan; Barot, Vijay Kumar Gajubhai
PATENT ASSIGNEE(S): Cadila Healthcare Ltd., India
SOURCE: PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001053257	A2	20010726	WO 2001-IN5	20010117
WO 2001053257	A3	20020627		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2001048728	A5	20010731	AU 2001-48728	20010117
EP 1250323	A2	20021023	EP 2001-921764	20010117
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

PRIORITY APPLN. INFO.:
IN 2000-MU57 A 20000119
IN 2000-57 A 20000119
IN 2000-BO57 A 20000119
WO 2001-IN5 W 20010117

OTHER SOURCE(S): MARPAT 135:137396
GI



I

AB Title compds. [I; R1-R4 = H, halo, perhaloalkyl, OH, SH, amino, NO2, etc.; R2R3 = atoms to form a (substituted) 5-6 membered (heterocyclic) ring; R5, R6 = H, or R5R6 = bond, or R5, R6 = OH, alkyl, alkoxy, halo, acyl, (substituted) aralkyl; X, Y = O, S; R7 = H, perfluoroalkyl, (substituted) alkyl, cycloalkyl, aryl, aralkyl, heteroaryl, heterocyclyl, alkoxyalkyl, aryloxyalkyl, etc.; W = O, S, NR9; Z = O, NR10; R8 = H, (substituted) alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, heterocyclyl,

hydroxyalkyl, etc.; R9 = alkyl, aryl; R10 = H, (substituted) alkyl, aryl, aralkyl, hydroxyalkyl, aminoalkyl, heteroaryl, etc.; Ar = (substituted) (fused) divalent aryl, heteroaryl, heterocyclyl], were prepd. as drugs (no data). Thus, Et 3-(4-hydroxyphenyl)-2-ethoxypropanoate, K2CO3, and DMF were stirred at 70-80.degree. for 10 min. followed by addn. of 2-(2,5-dimethyl-1H-pyrrol-1-yl)ethyl methanesulfonate (prepn. given) followed by stirring for 5 h at 70-80.degree. and standing overnight to give 89% Et 3-[4-[2-(2,5-dimethylpyrrol-1-yl)ethoxy]phenyl]-2-ethoxypropanoate.

IT **351426-18-1P 351426-19-2P 351426-20-5P**
351426-21-6P 351426-22-7P 351426-23-8P
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351426-42-1P 351426-43-2P 351426-44-3P
351426-45-4P 351426-46-5P 351426-47-6P
351426-48-7P 351426-49-8P 351426-50-1P
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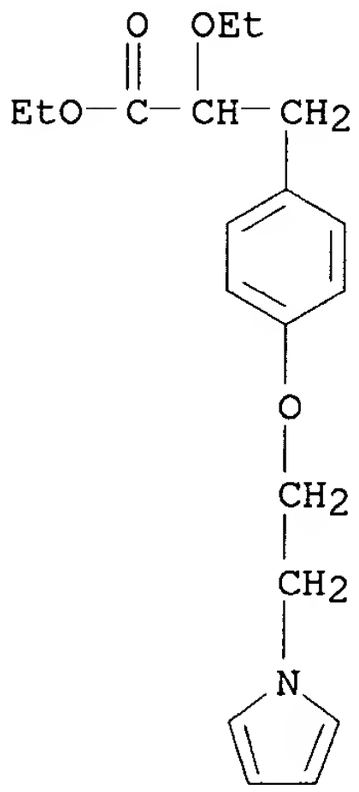
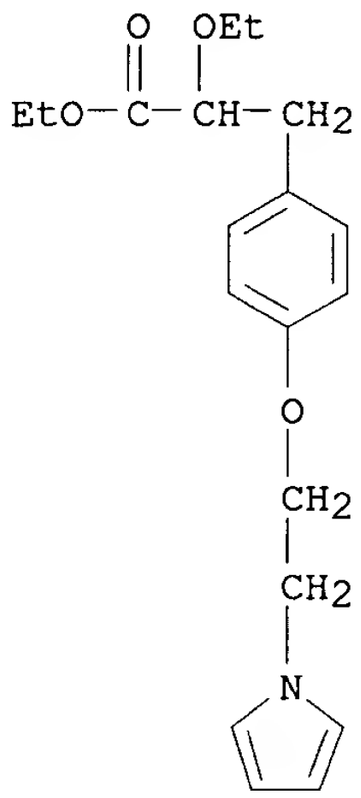
351426-54-5P 351426-55-6P 351426-56-7P
351426-57-8P 351426-58-9P 351426-59-0P
351426-60-3P 351426-61-4P 351426-62-5P
351426-63-6P 351426-64-7P 351426-65-8P
351426-66-9P 351426-67-0P 351426-68-1P
351426-69-2P 351426-70-5P 351426-71-6P
351426-72-7P 351426-73-8P 351426-74-9P
351426-75-0P 351426-76-1P 351426-77-2P
351426-78-3P 351426-79-4P 351426-80-7P
351426-81-8P 351427-20-8P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of pyrrolylethoxyphenylethoxypropanoates and related compds. for treatment of hyperglycemia, hypertension, cardiovascular disease, and eating disorders)

RN 351426-18-1 CAPLUS

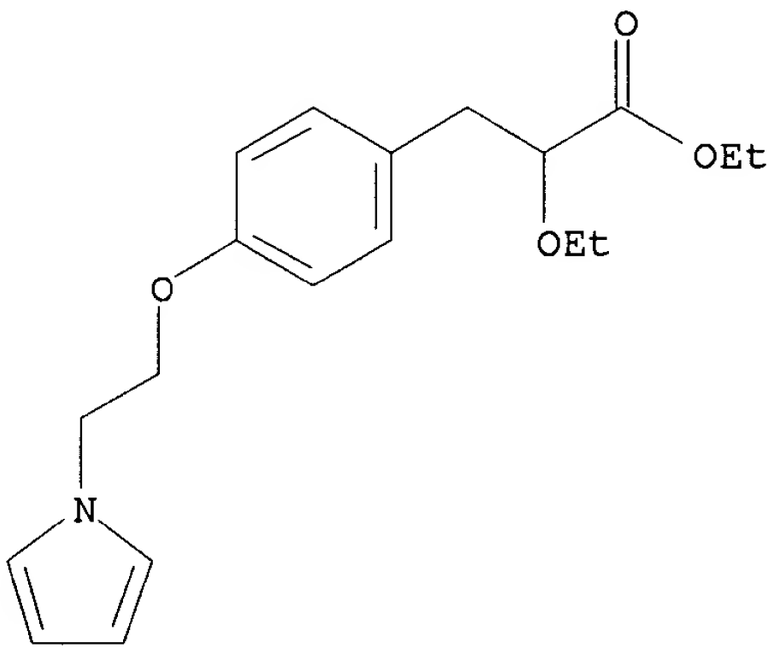
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-(1H-pyrrol-1-yl)ethoxy]-, ethyl ester (9CI) (CA INDEX NAME)





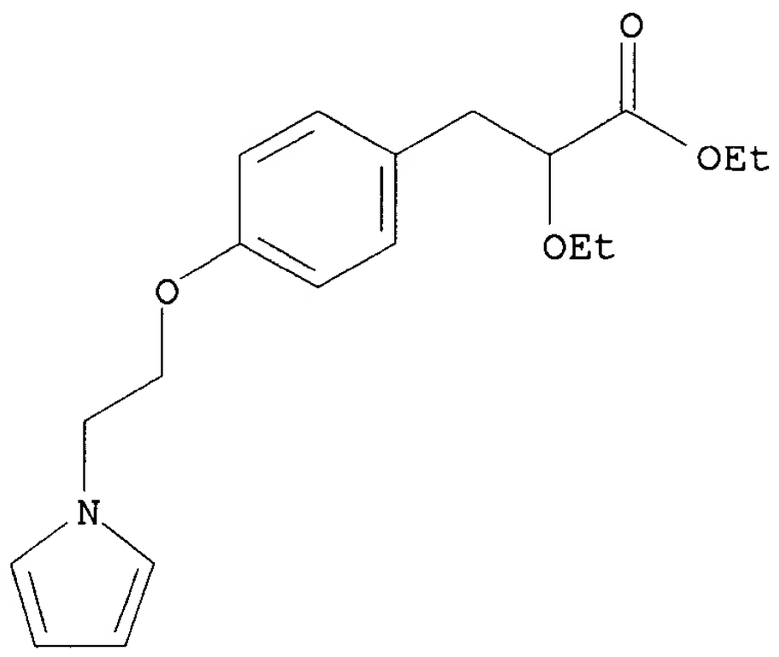
RN 351426-19-2 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-(1H-pyrrol-1-yl)ethoxy]-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

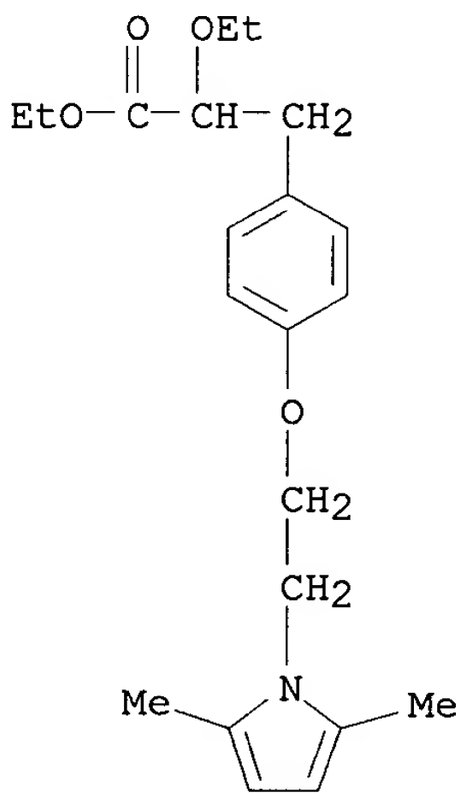


RN 351426-20-5 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-(1H-pyrrol-1-yl)ethoxy]-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

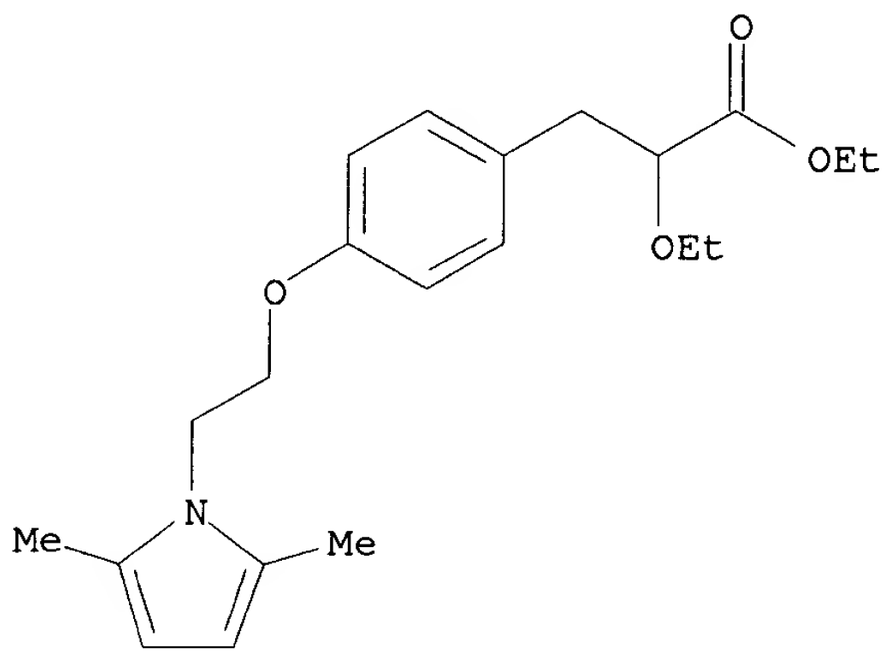


RN 351426-21-6 CAPLUS
CN Benzenepropanoic acid, 4-[2-(2,5-dimethyl-1H-pyrrol-1-yl)ethoxy]-.alpha.-ethoxy-, ethyl ester (9CI) (CA INDEX NAME)



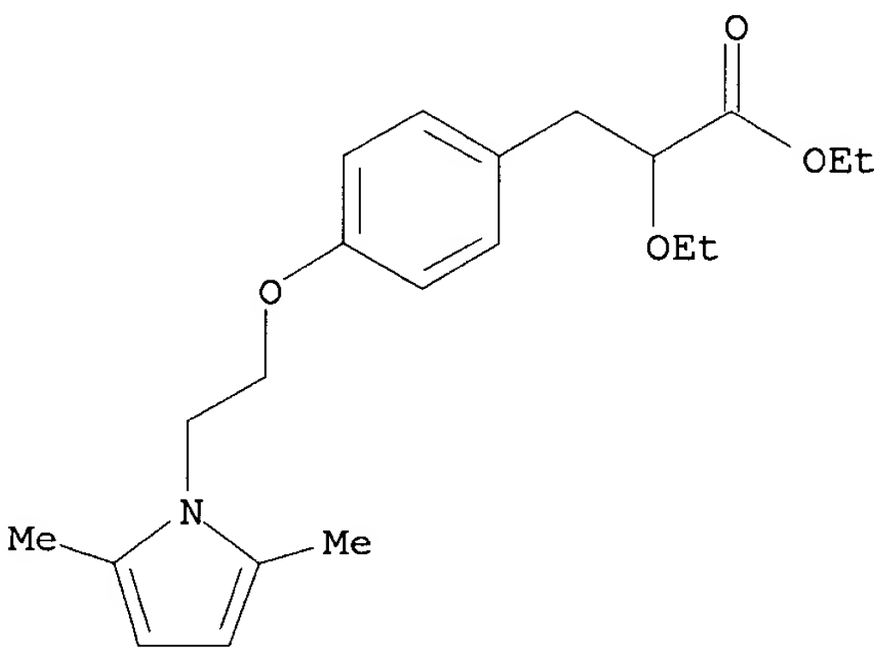
RN 351426-22-7 CAPLUS
CN Benzenepropanoic acid, 4-[2-(2,5-dimethyl-1H-pyrrol-1-yl)ethoxy]-.alpha.-ethoxy-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

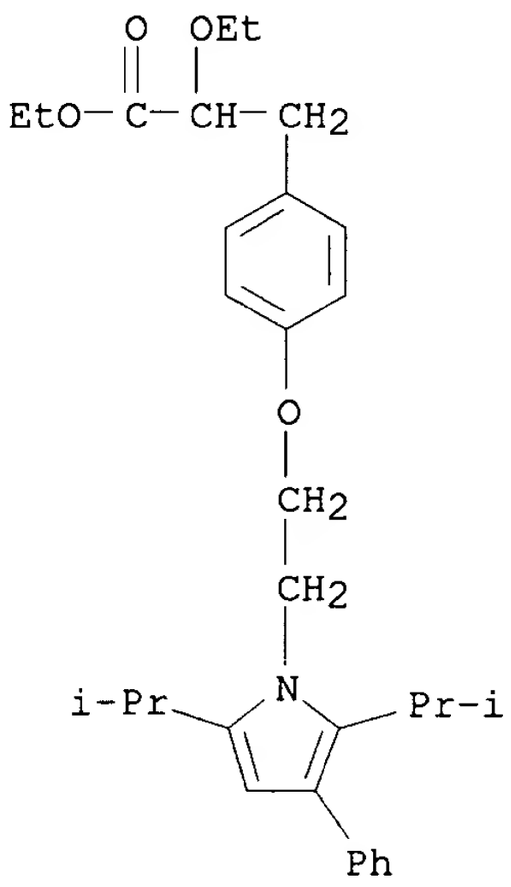


RN 351426-23-8 CAPLUS
CN Benzenepropanoic acid, 4-[2-(2,5-dimethyl-1H-pyrrol-1-yl)ethoxy]-.alpha.-ethoxy-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

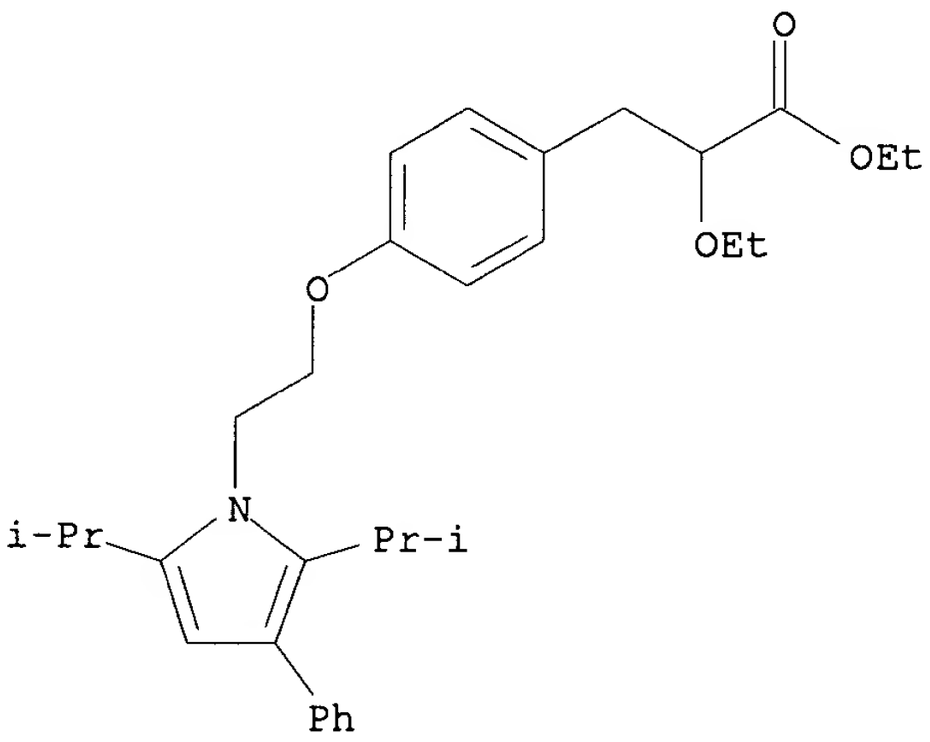


RN 351426-24-9 CAPLUS
CN Benzenepropanoic acid, 4-[2-[2,5-bis(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-.alpha.-ethoxy-, ethyl ester (9CI) (CA INDEX NAME)



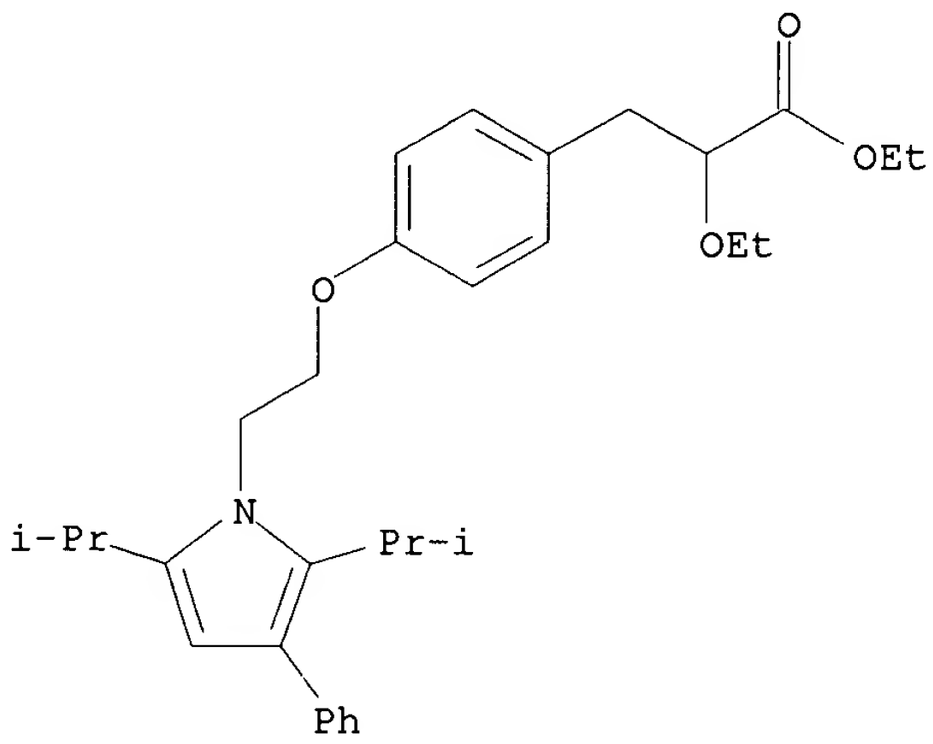
RN 351426-25-0 CAPLUS
CN Benzenepropanoic acid, 4-[2-[2,5-bis(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-.alpha.-ethoxy-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

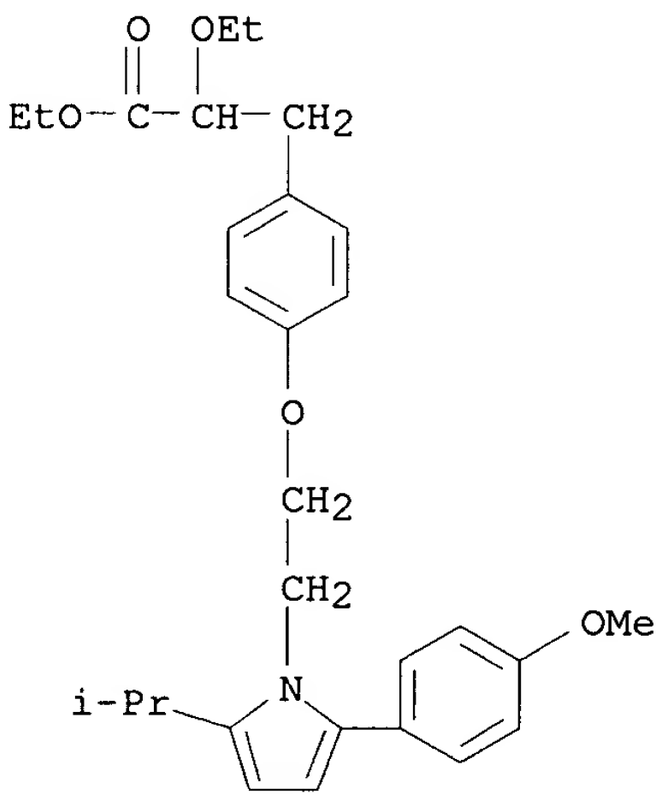


RN 351426-26-1 CAPLUS
CN Benzenepropanoic acid, 4-[2-[2,5-bis(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-.alpha.-ethoxy-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

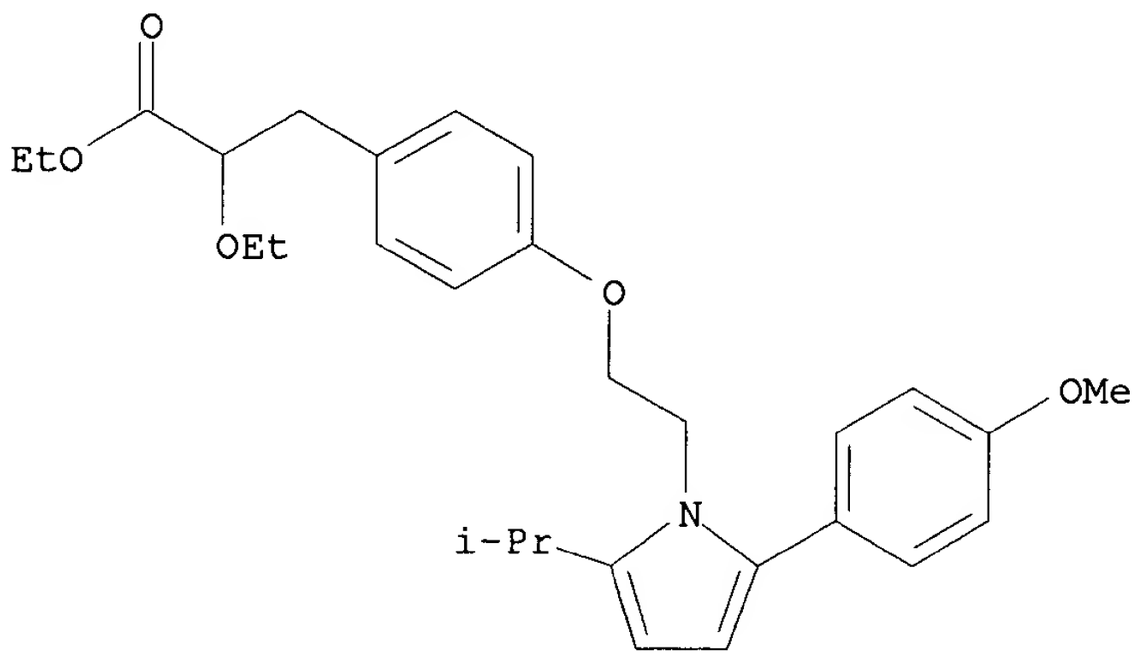


RN 351426-27-2 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-methoxyphenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester (9CI) (CA INDEX NAME)



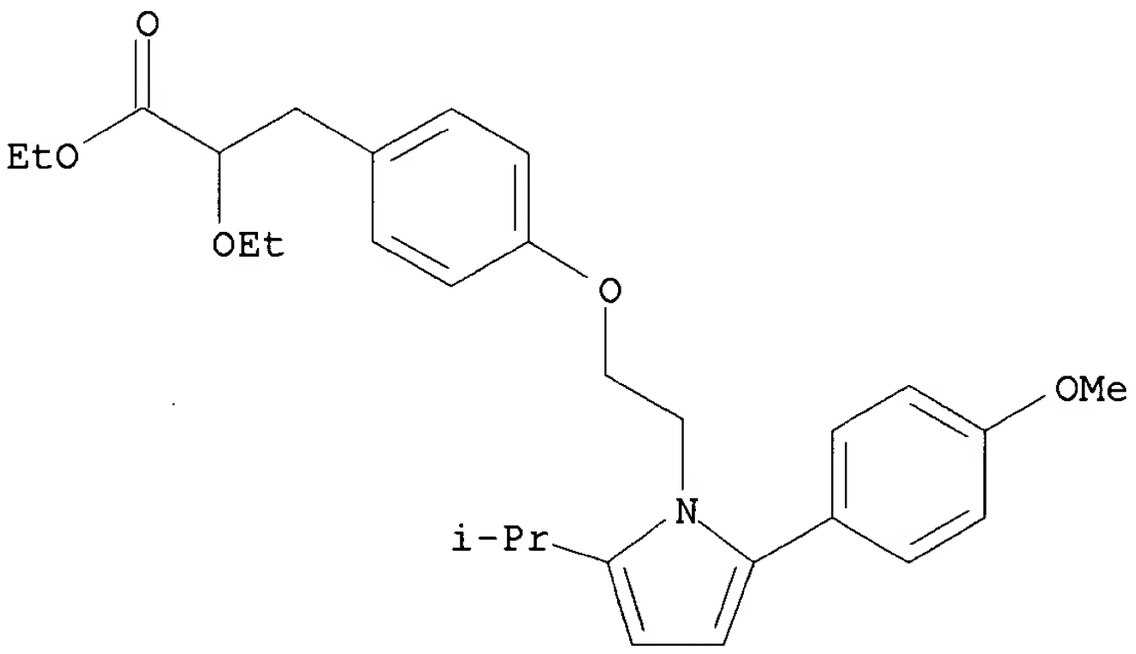
RN 351426-28-3 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-methoxyphenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

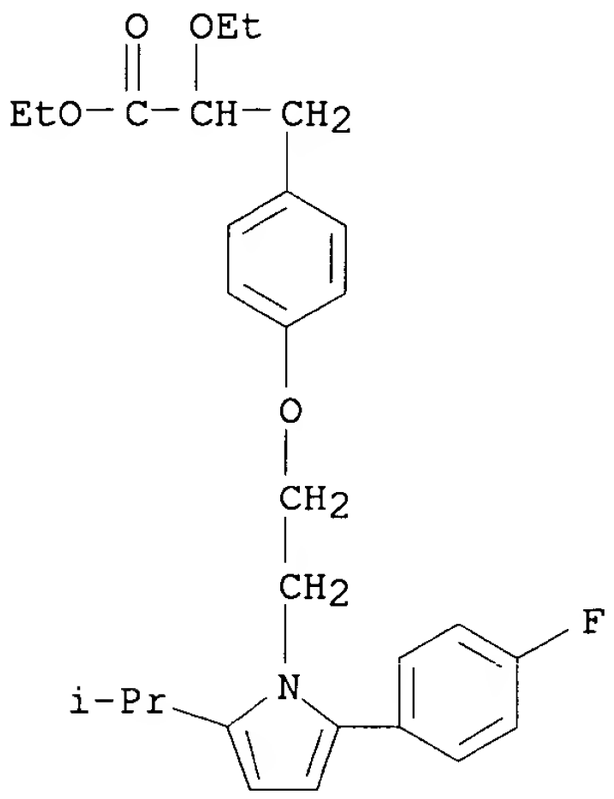


RN 351426-29-4 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-methoxyphenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

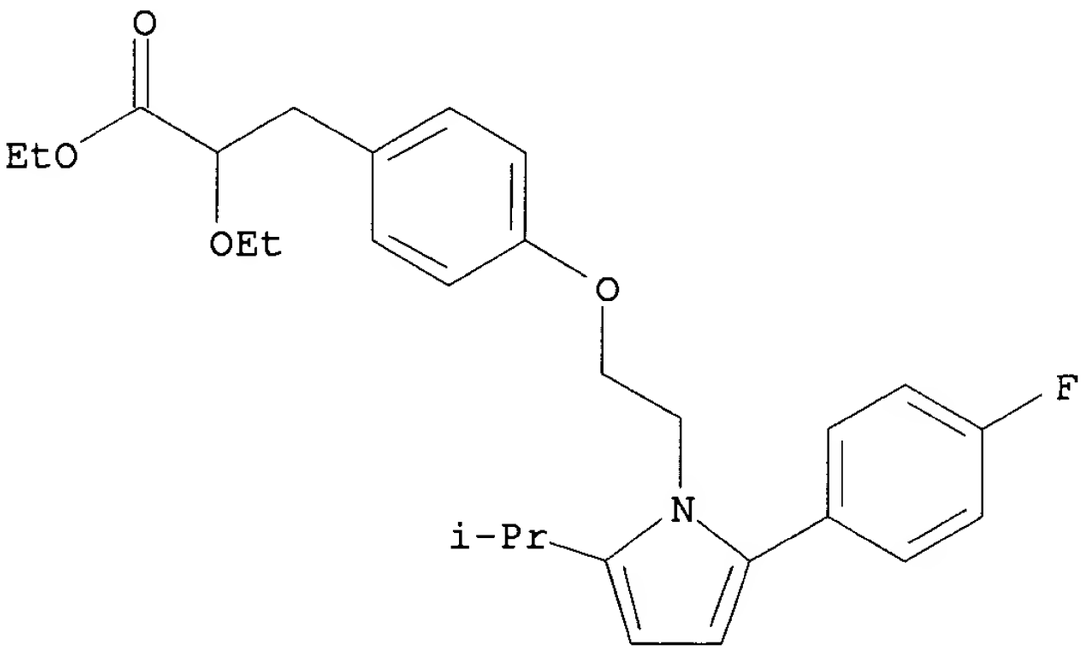


RN 351426-30-7 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester (9CI) (CA INDEX NAME)



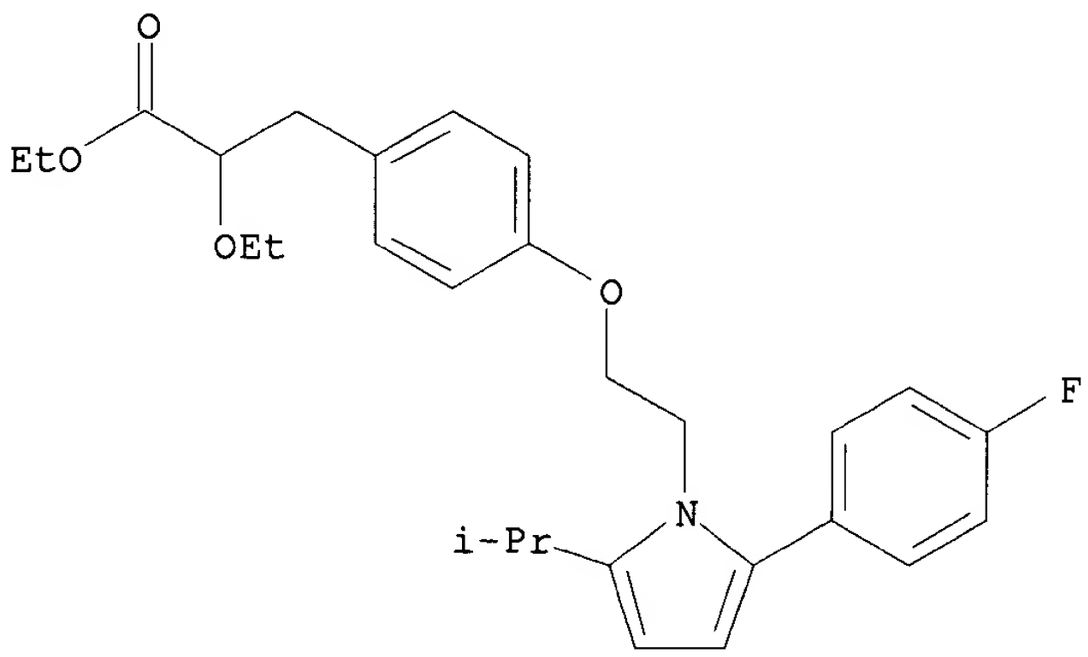
RN 351426-31-8 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

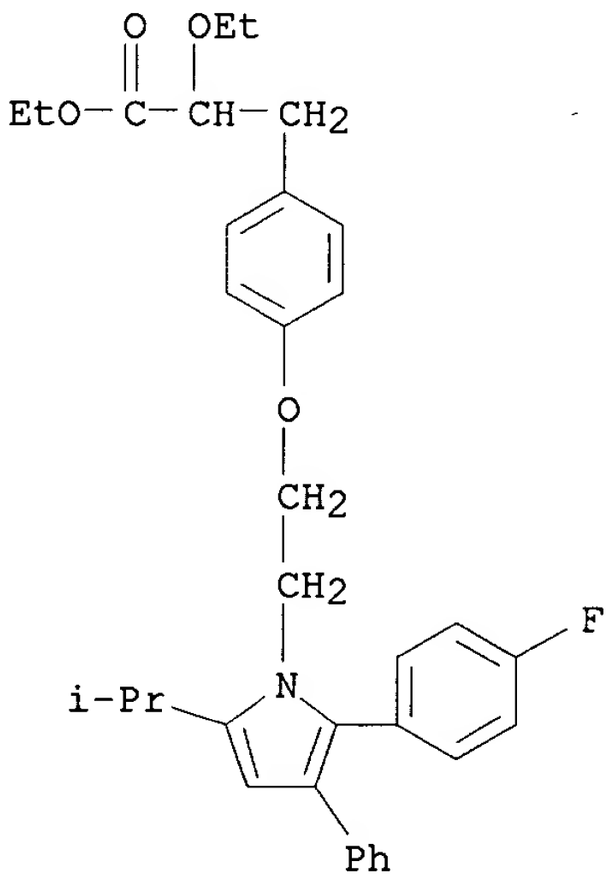


RN 351426-32-9 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

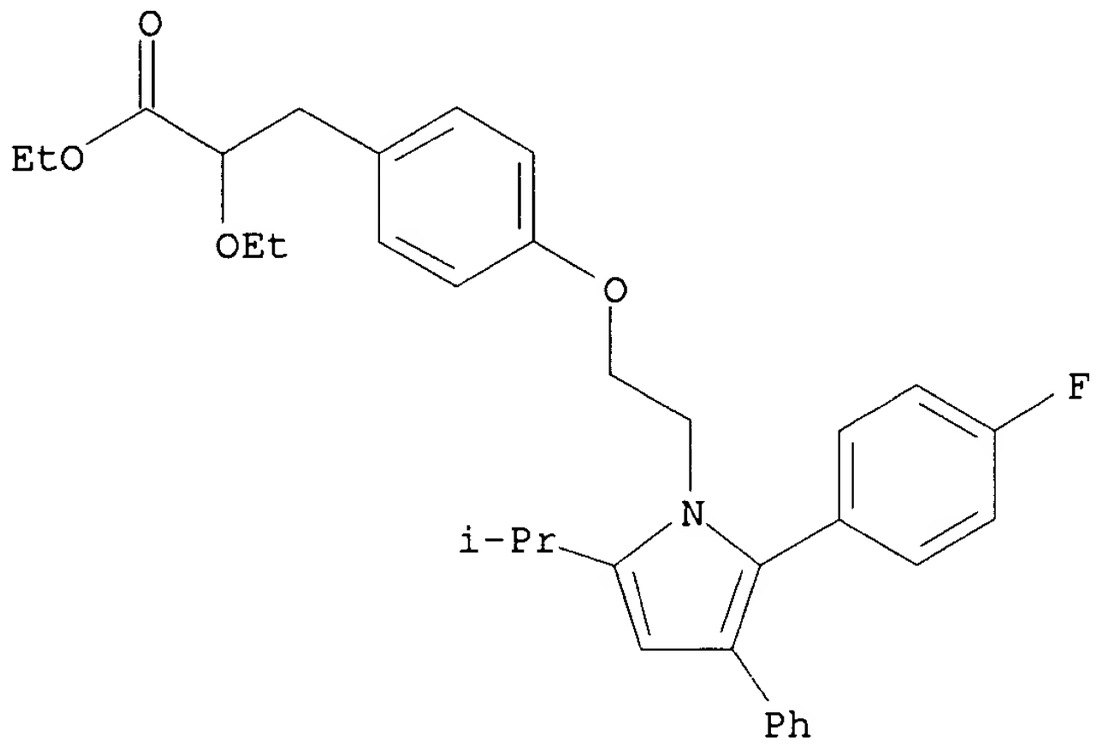


RN 351426-33-0 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-, ethyl ester (9CI) (CA INDEX NAME)



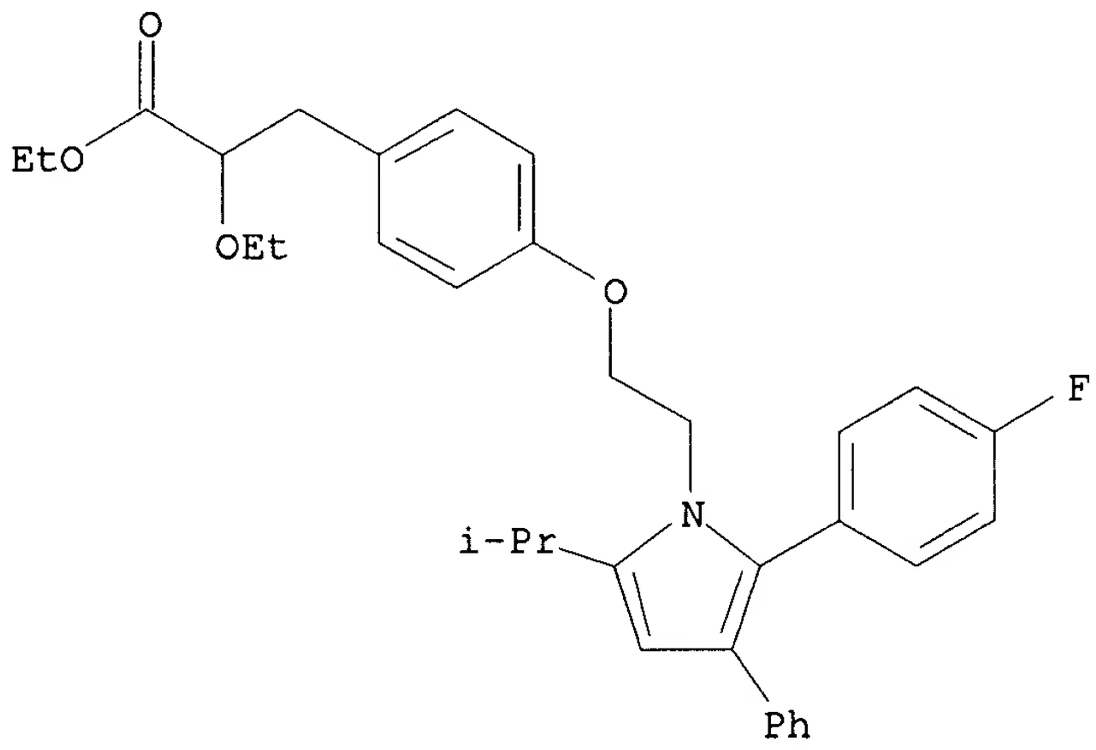
RN 351426-34-1 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

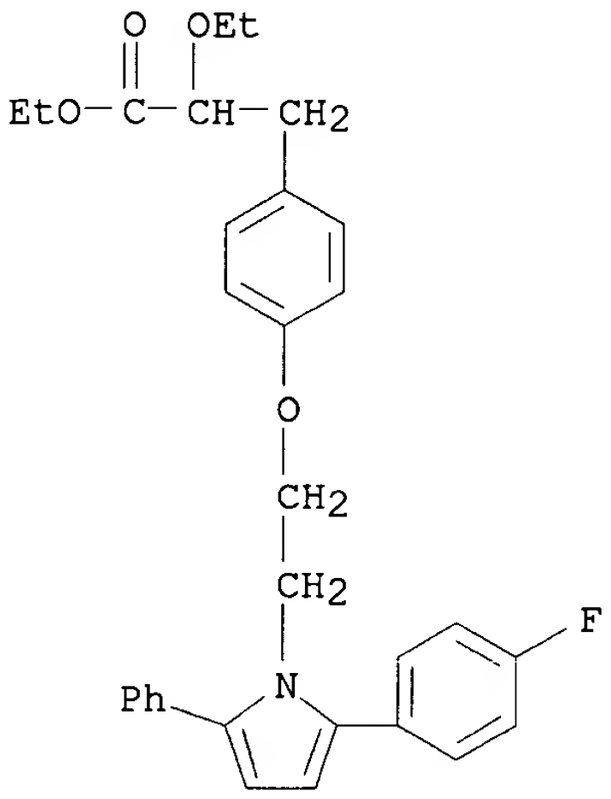


RN 351426-35-2 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

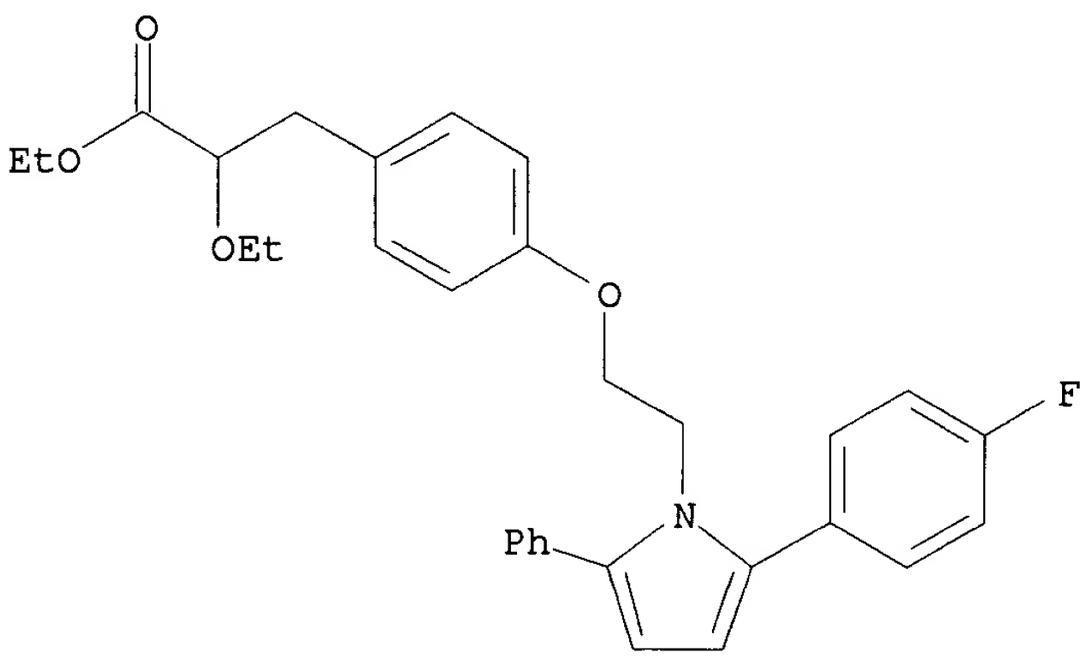


RN 351426-36-3 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-phenyl-1H-pyrrol-1-yl]ethoxy]-, ethyl ester (9CI) (CA INDEX NAME)



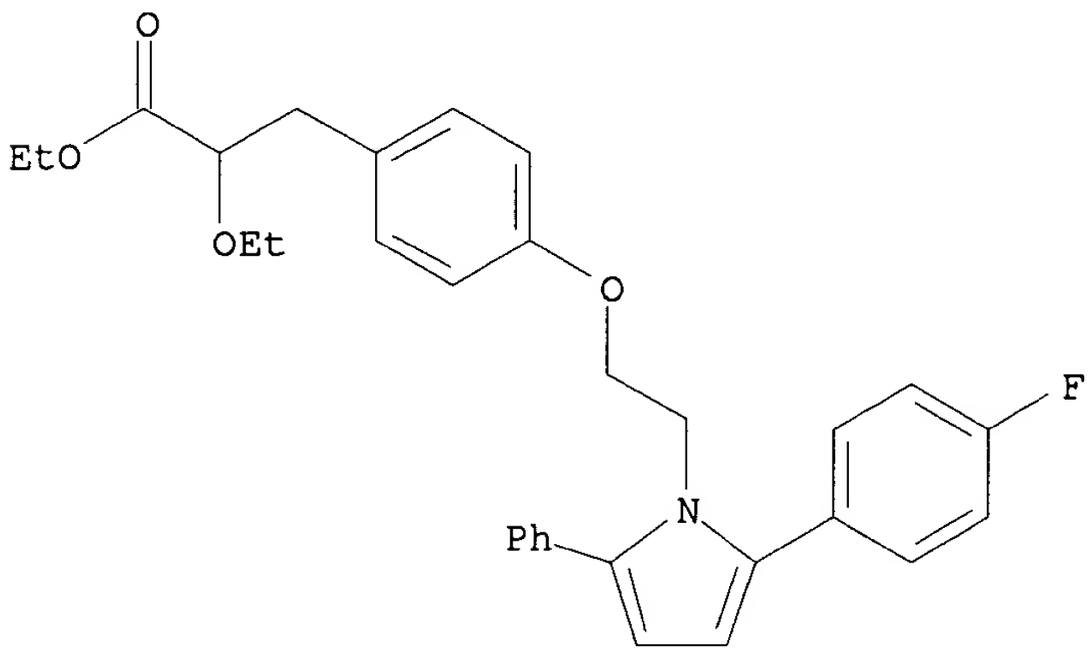
RN 351426-37-4 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-phenyl-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).



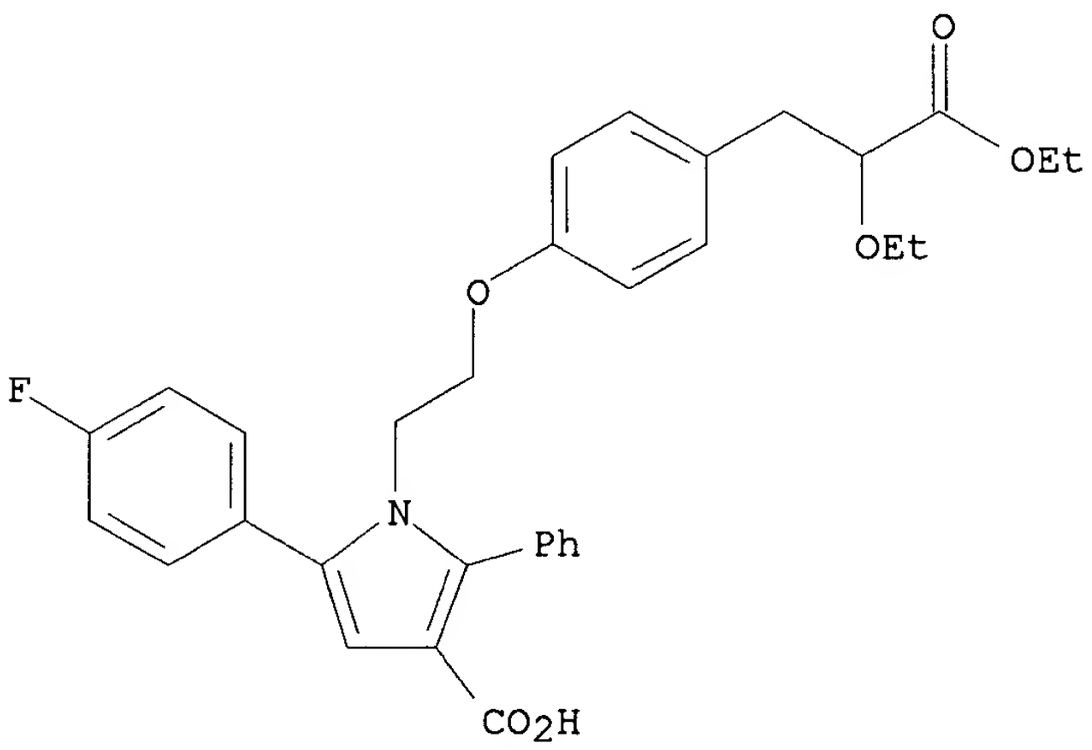
RN 351426-38-5 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-phenyl-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

Rotation (-).



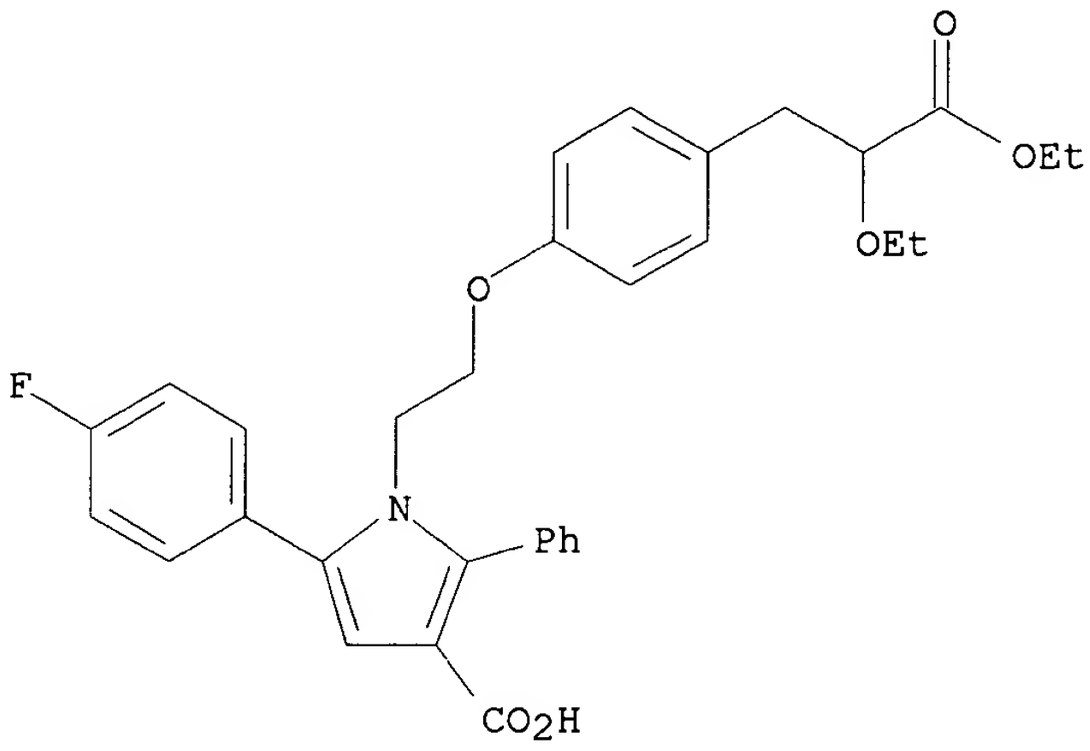
RN 351426-39-6 CAPLUS
CN 1H-Pyrrole-3-carboxylic acid, 1-[2-[4-(2,3-diethoxy-3-oxopropyl)phenoxy]ethyl]-5-(4-fluorophenyl)-2-phenyl-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

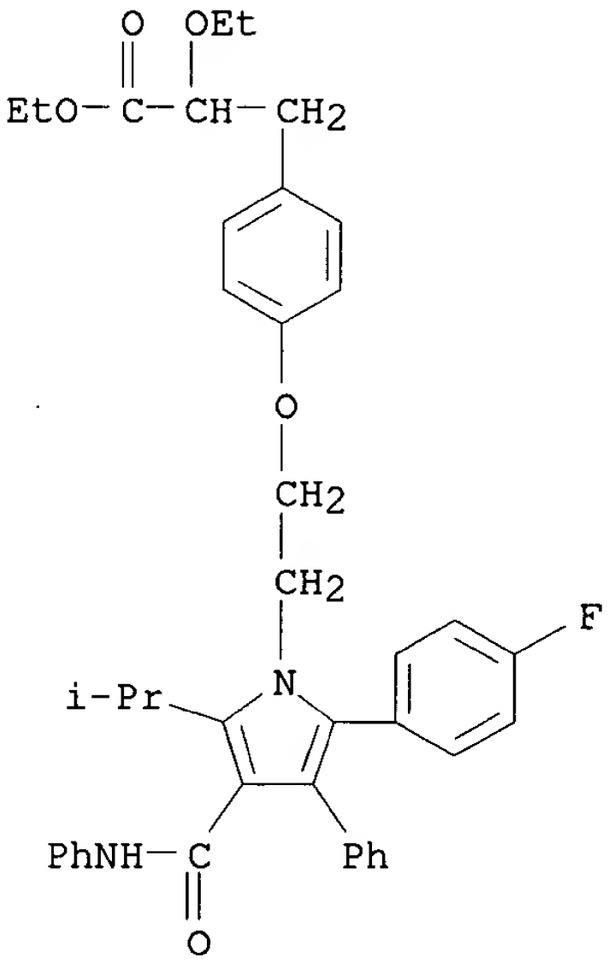


RN 351426-40-9 CAPLUS
CN 1H-Pyrrole-3-carboxylic acid, 1-[2-[4-(2,3-diethoxy-3-oxopropyl)phenoxy]ethyl]-5-(4-fluorophenyl)-2-phenyl-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

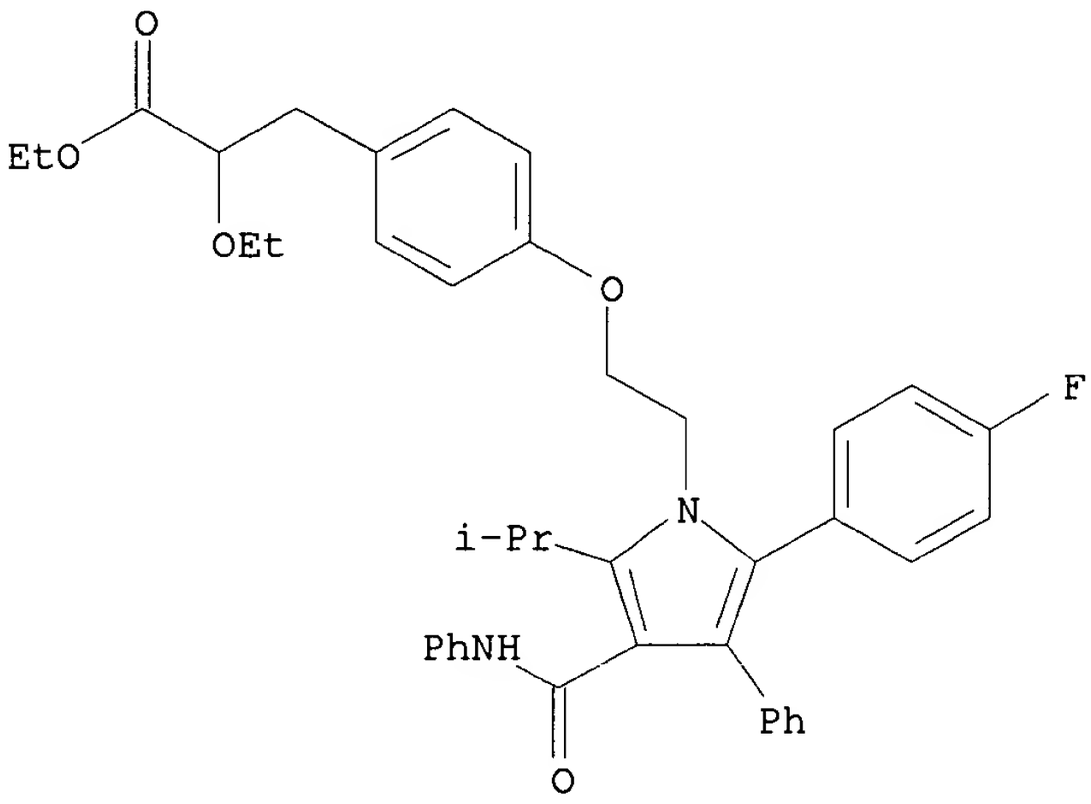


RN 351426-41-0 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrol-1-yl]ethoxy]-, ethyl ester (9CI) (CA INDEX NAME)



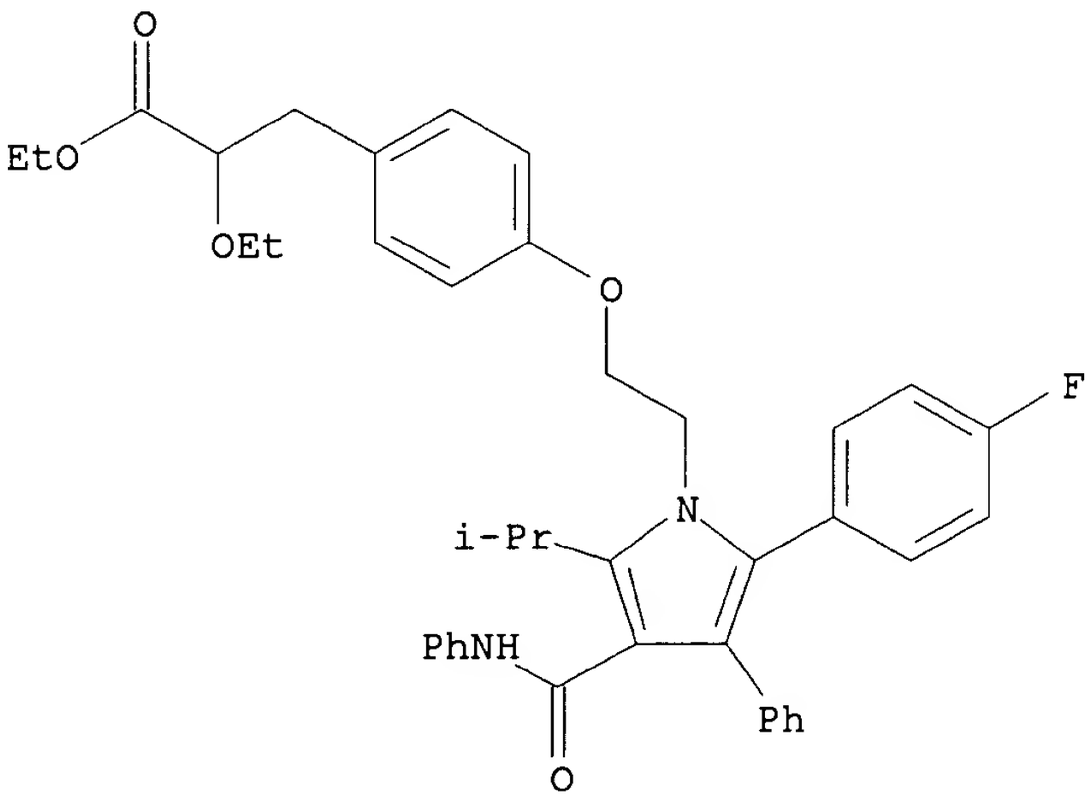
RN 351426-42-1 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

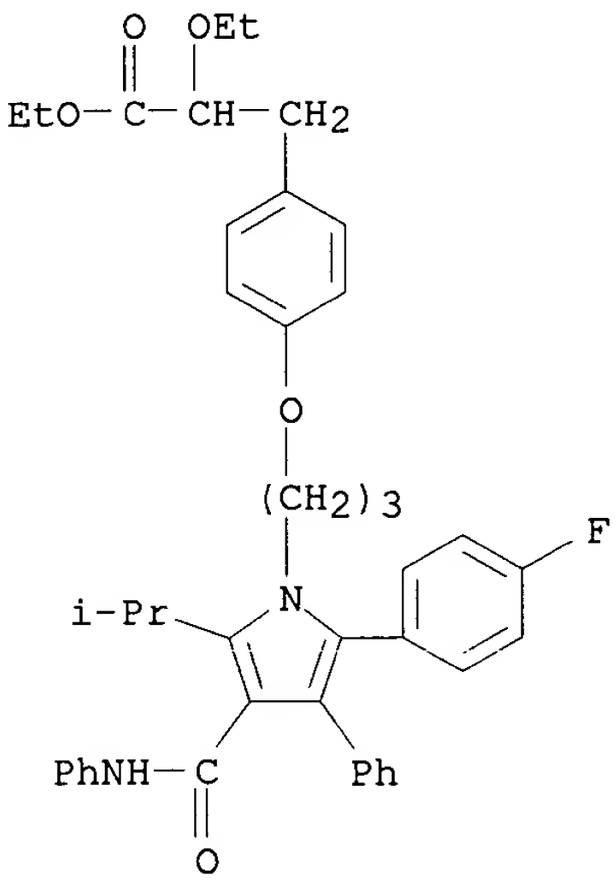


RN 351426-43-2 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

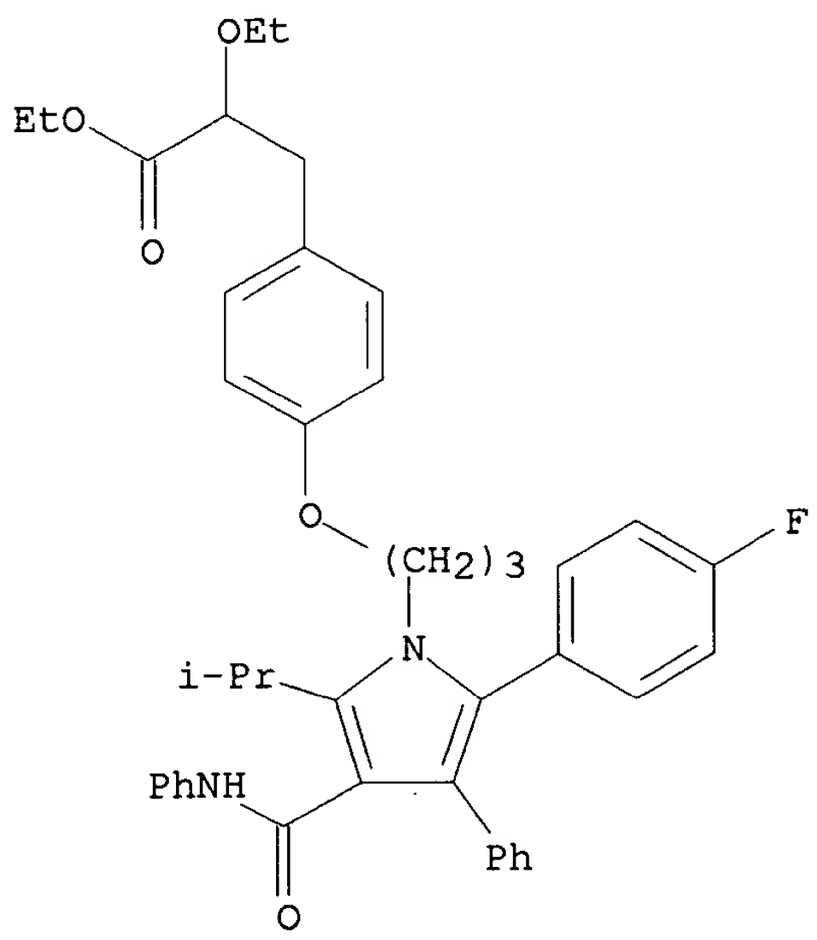


RN 351426-44-3 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[3-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrol-1-yl]propoxy]-, ethyl ester (9CI) (CA INDEX NAME)



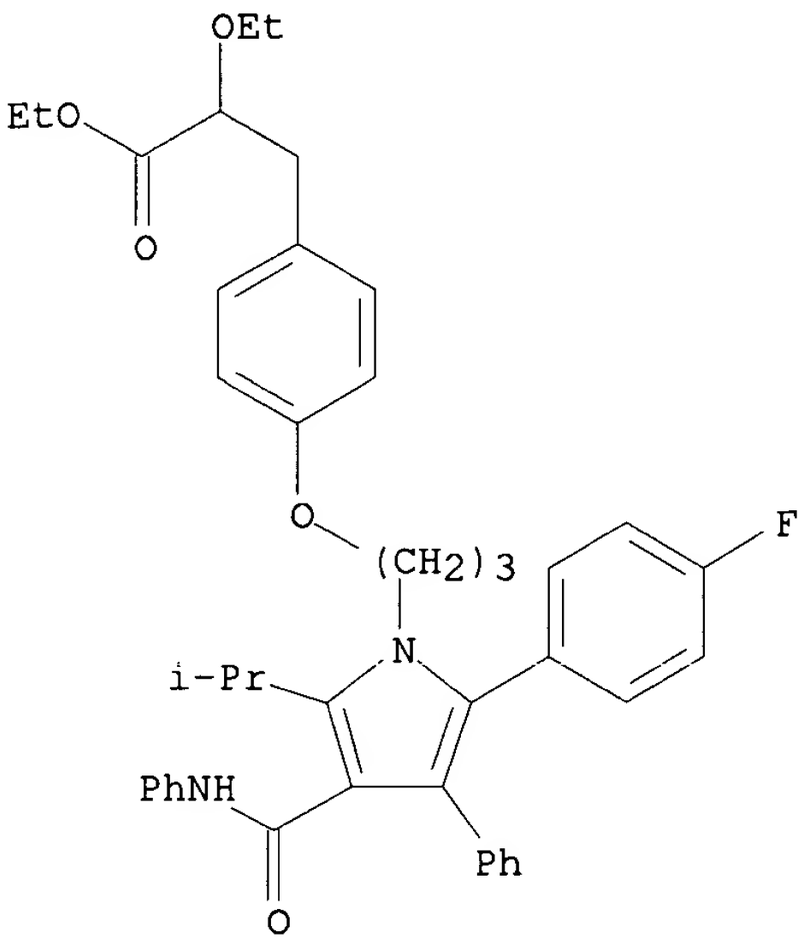
RN 351426-45-4 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[3-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrol-1-yl]propoxy]-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

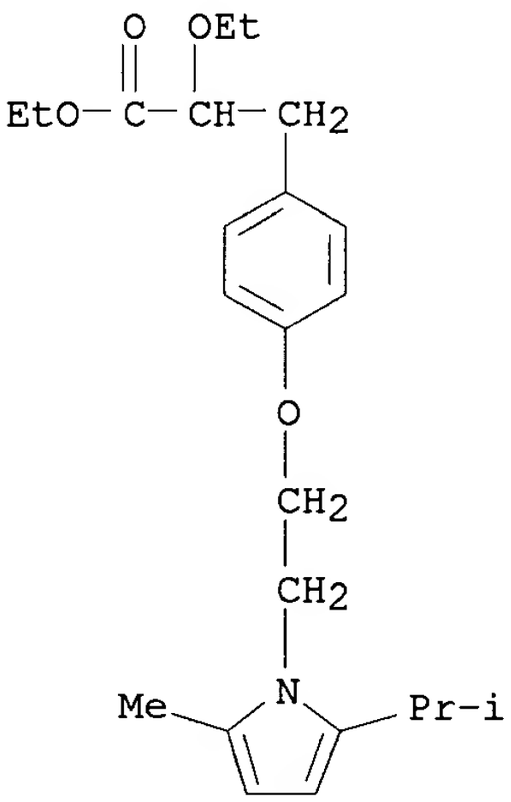


RN 351426-46-5 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[3-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrol-1-yl]propoxy]-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

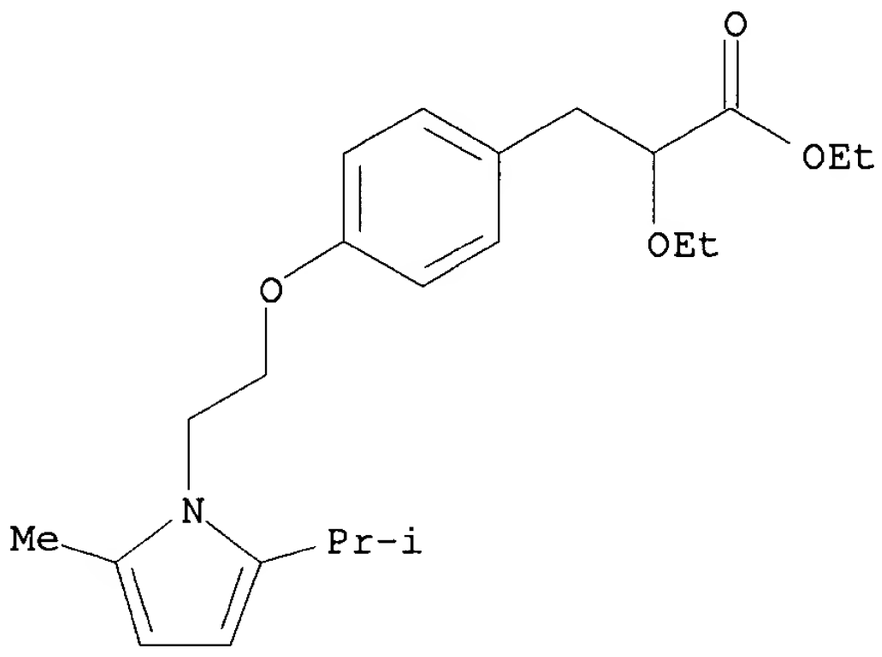


RN 351426-47-6 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-methyl-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester (9CI) (CA INDEX NAME)



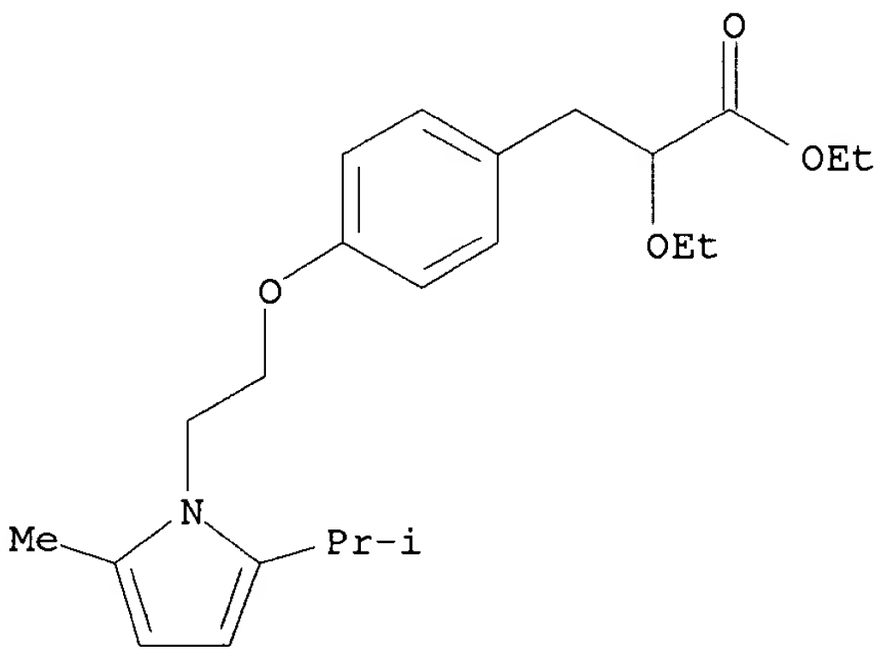
RN 351426-48-7 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-methyl-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

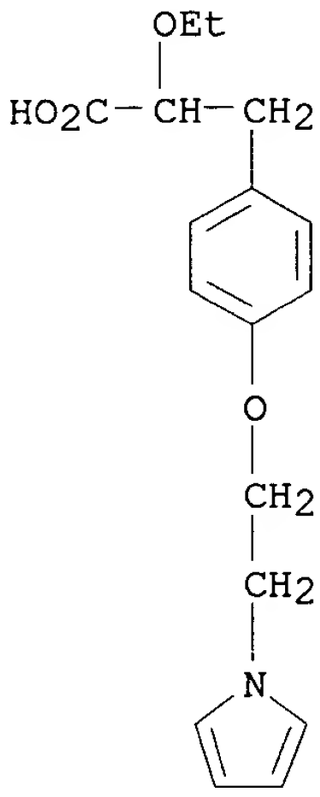


RN 351426-49-8 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-methyl-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, ethyl ester, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

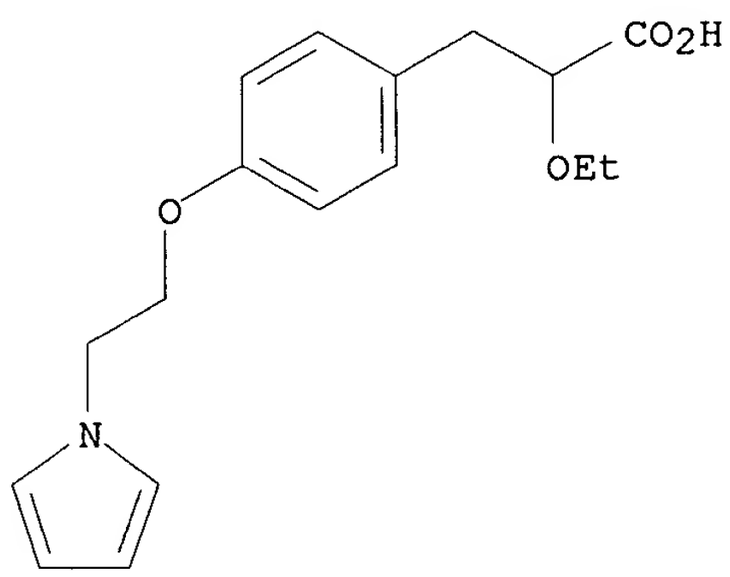


RN 351426-50-1 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-(1H-pyrrol-1-yl)ethoxy]- (9CI) (CA INDEX NAME)



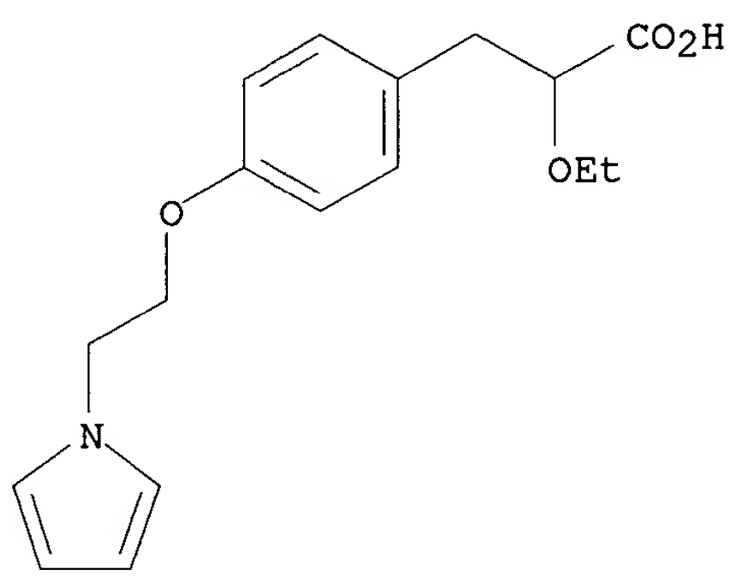
RN 351426-51-2 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-(1H-pyrrol-1-yl)ethoxy]-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).



RN 351426-52-3 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-(1H-pyrrol-1-yl)ethoxy]-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).



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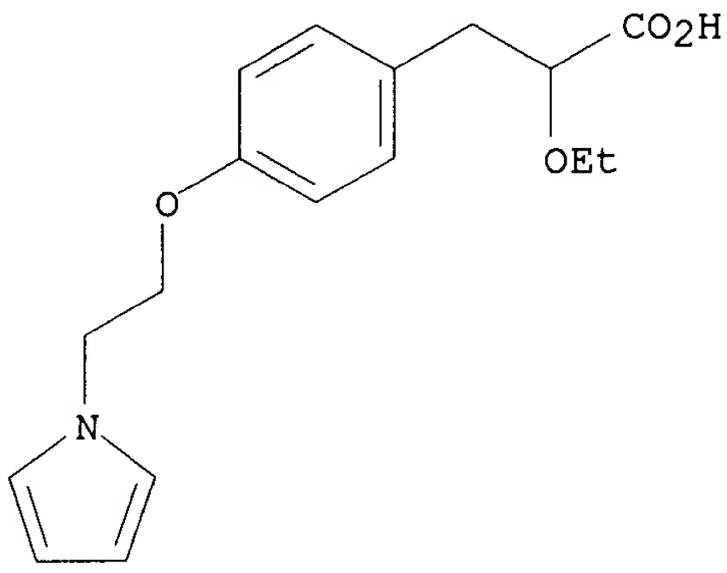
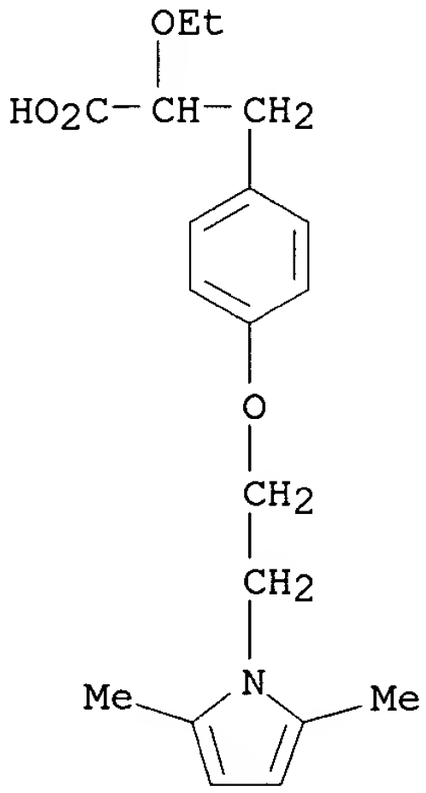
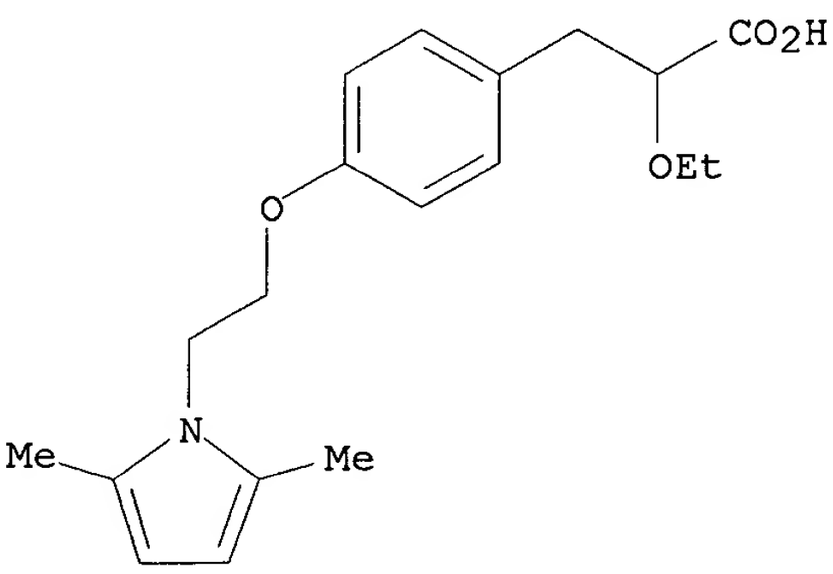


RN 351426-53-4 CAPLUS
CN Benzenepropanoic acid, 4-[2-(2,5-dimethyl-1H-pyrrol-1-yl)ethoxy]-.alpha.-ethoxy- (9CI) (CA INDEX NAME)



RN 351426-54-5 CAPLUS
CN Benzenepropanoic acid, 4-[2-(2,5-dimethyl-1H-pyrrol-1-yl)ethoxy]-.alpha.-ethoxy-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).



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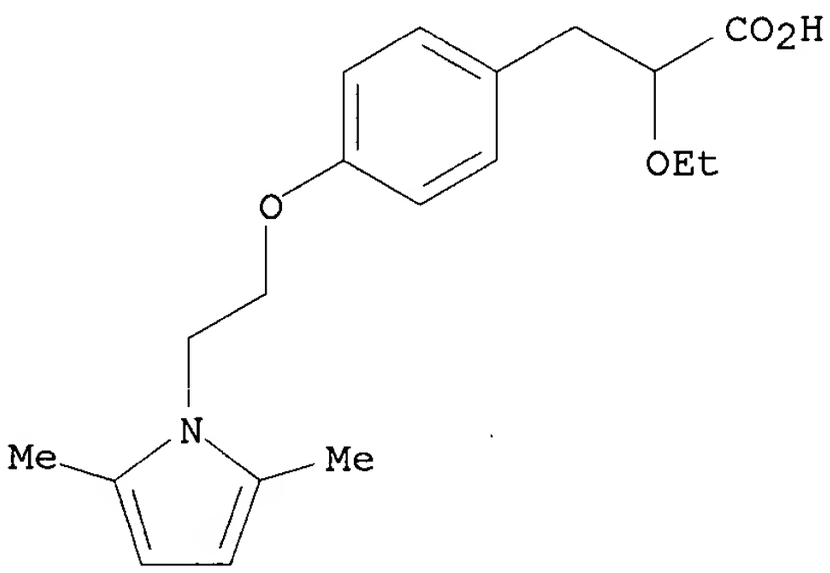
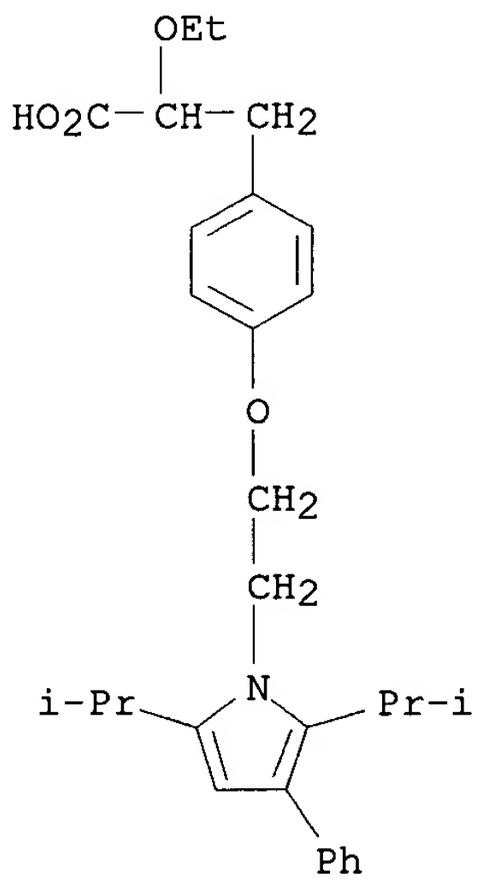
RN 351426-55-6 CAPLUS
CN Benzenepropanoic acid, 4-[2-(2,5-dimethyl-1H-pyrrol-1-yl)ethoxy]-.alpha.-ethoxy-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

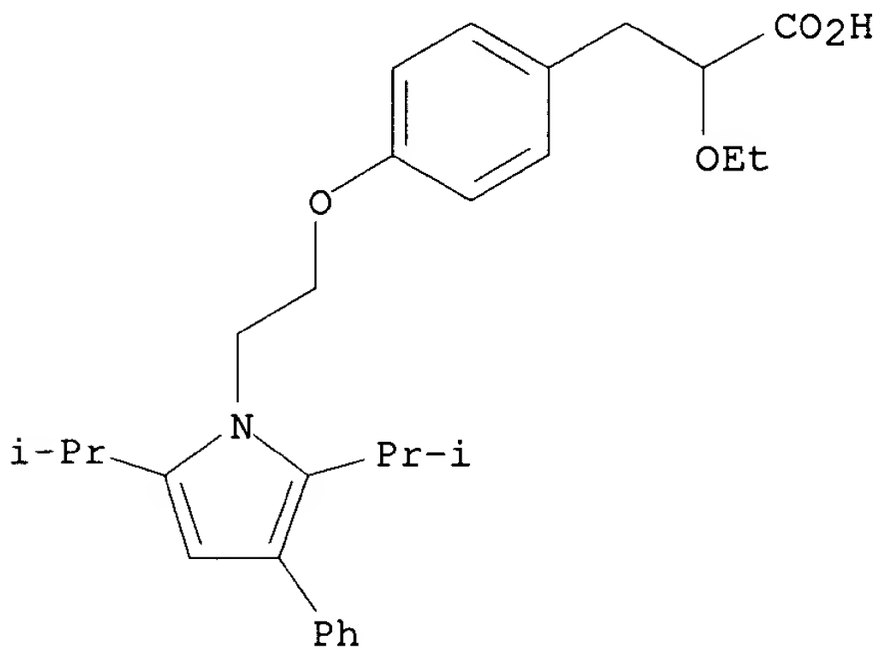


RN 351426-56-7 CAPLUS
CN Benzenepropanoic acid, 4-[2-[2,5-bis(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-.alpha.-ethoxy- (9CI) (CA INDEX NAME)



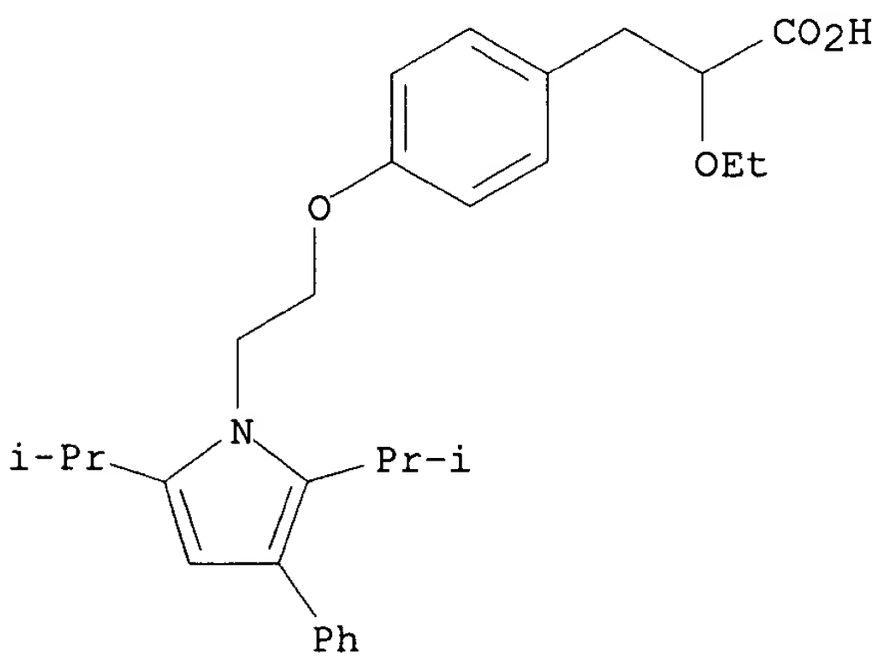
RN 351426-57-8 CAPLUS
CN Benzenepropanoic acid, 4-[2-[2,5-bis(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-.alpha.-ethoxy-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

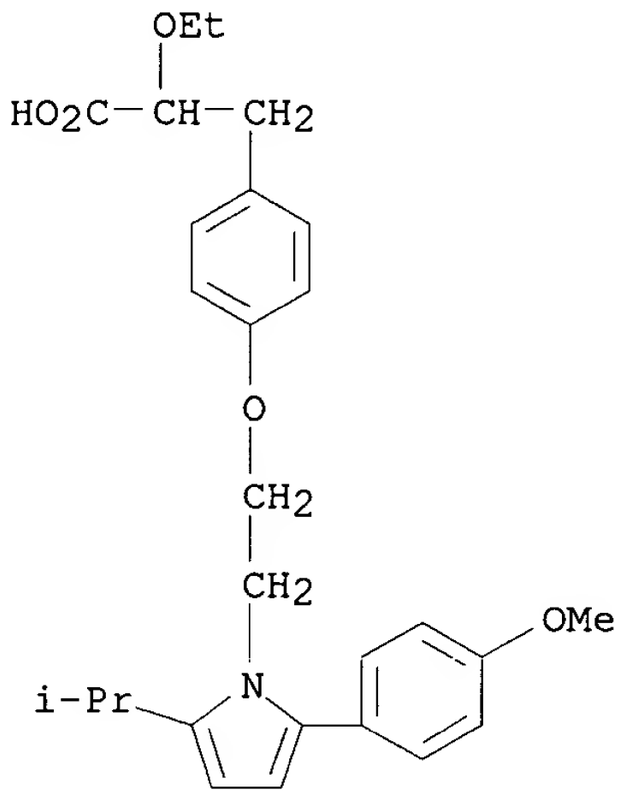


RN 351426-58-9 CAPLUS
CN Benzenepropanoic acid, 4-[2-[2,5-bis(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-.alpha.-ethoxy-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

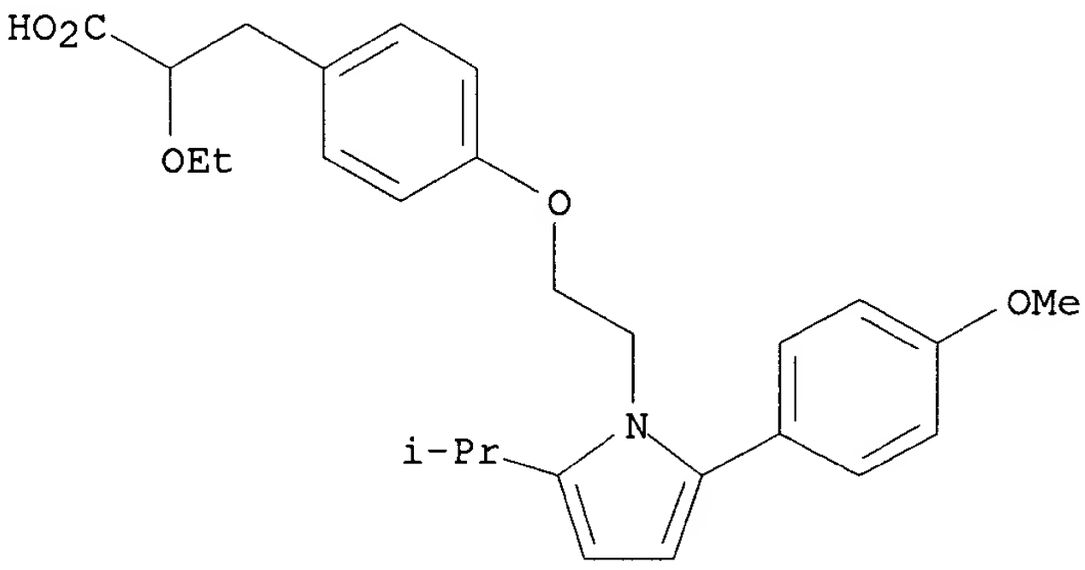


RN 351426-59-0 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-methoxyphenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]- (9CI) (CA INDEX NAME)



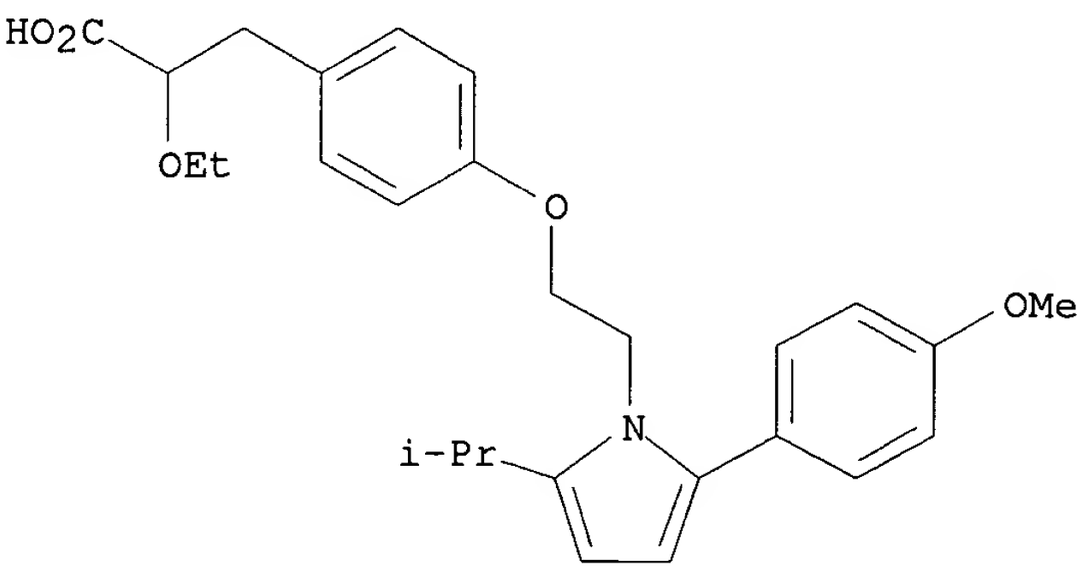
RN 351426-60-3 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-methoxyphenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, (+)- (9CI) (CA INDEX NAME)

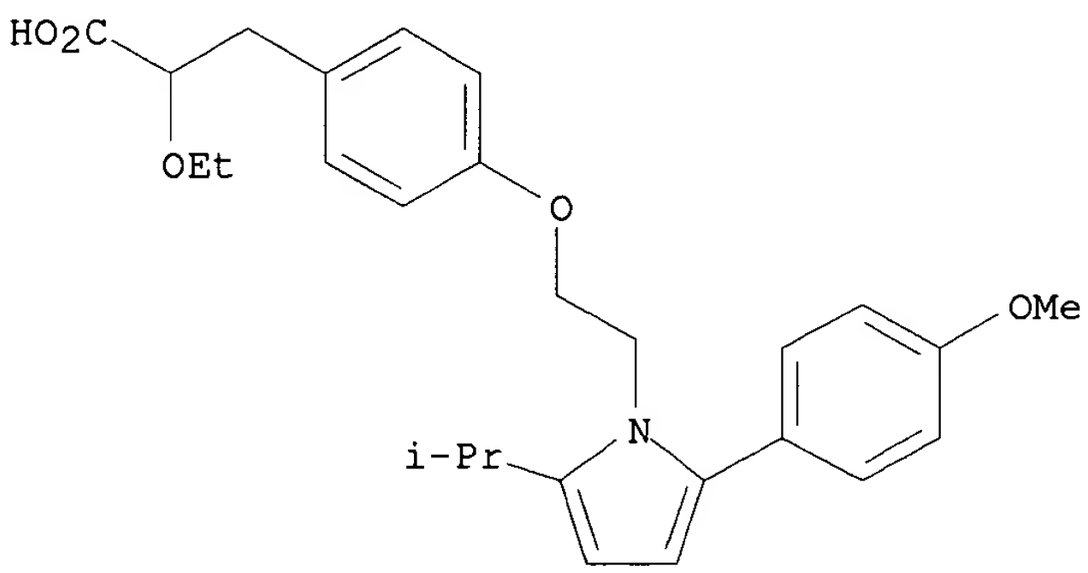
Rotation (+).



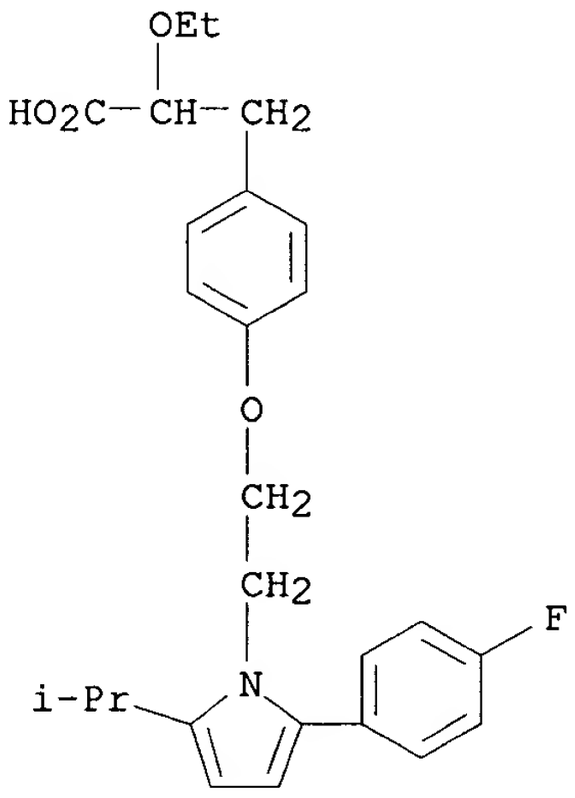
RN 351426-61-4 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-methoxyphenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).



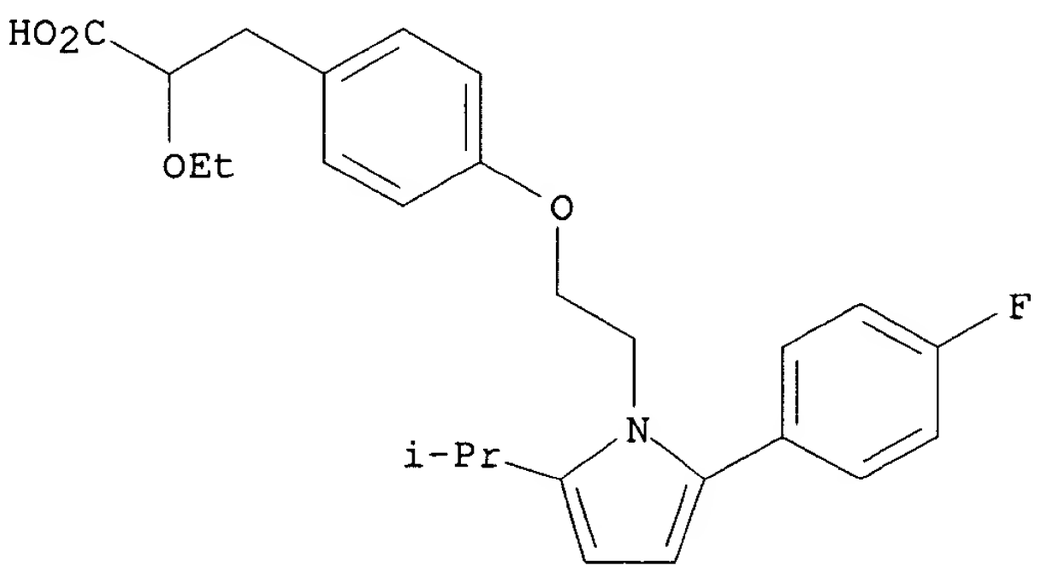


RN 351426-62-5 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]- (9CI) (CA INDEX NAME)



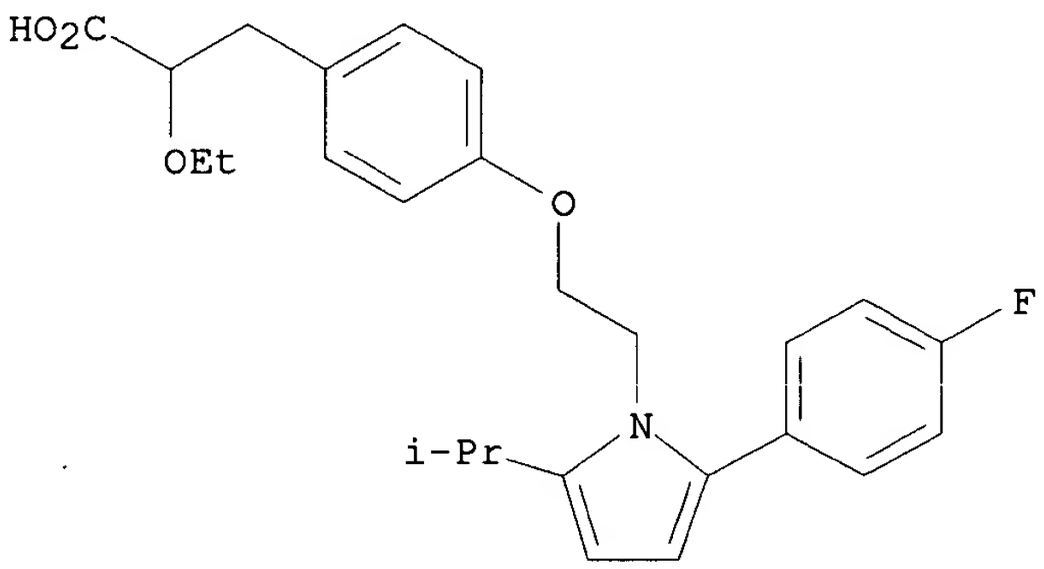
RN 351426-63-6 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

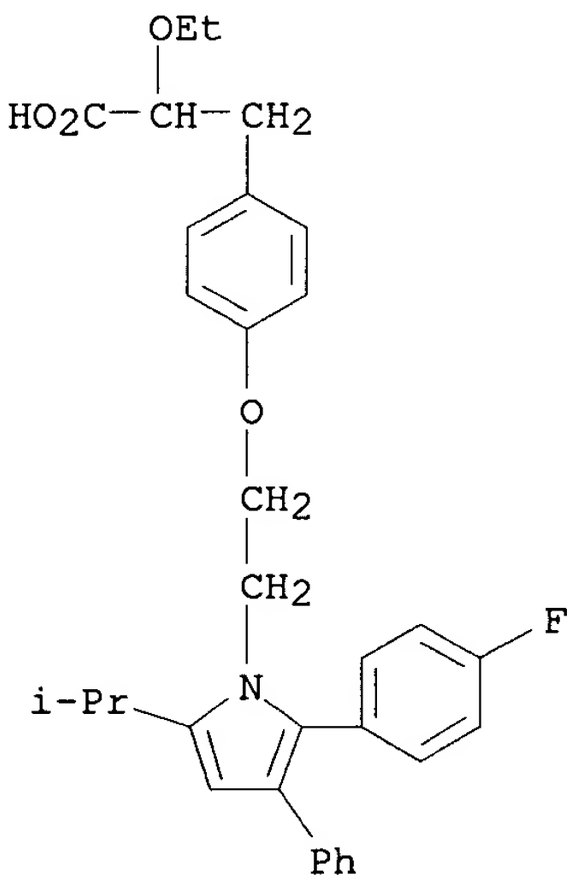


RN 351426-64-7 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).



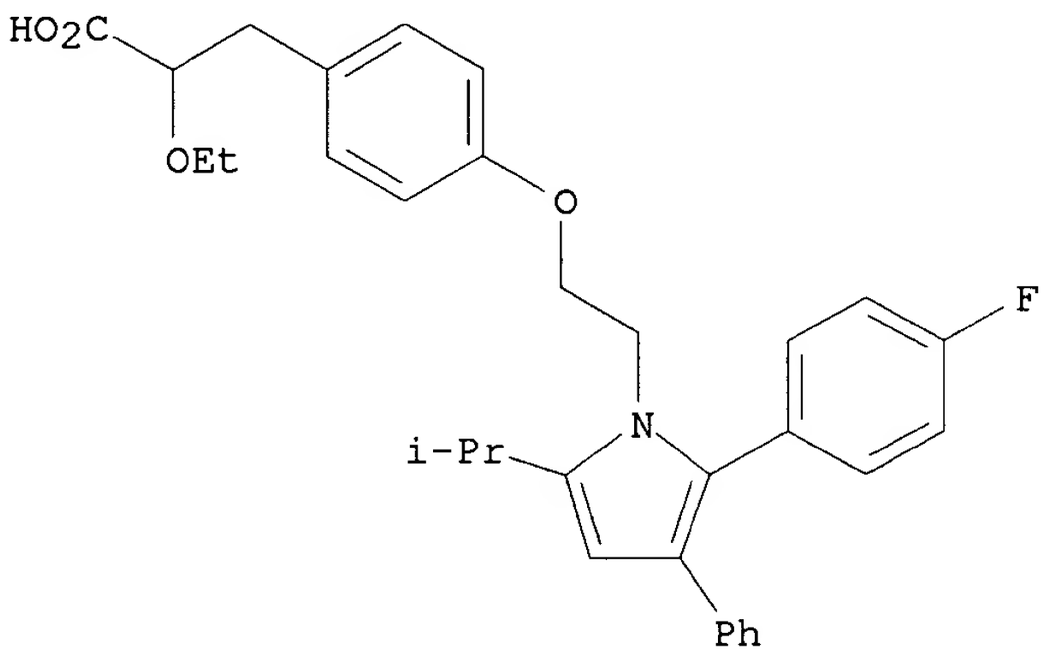
RN 351426-65-8 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]- (9CI) (CA INDEX NAME)



RN 351426-66-9 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-, (+)- (9CI) (CA INDEX NAME)

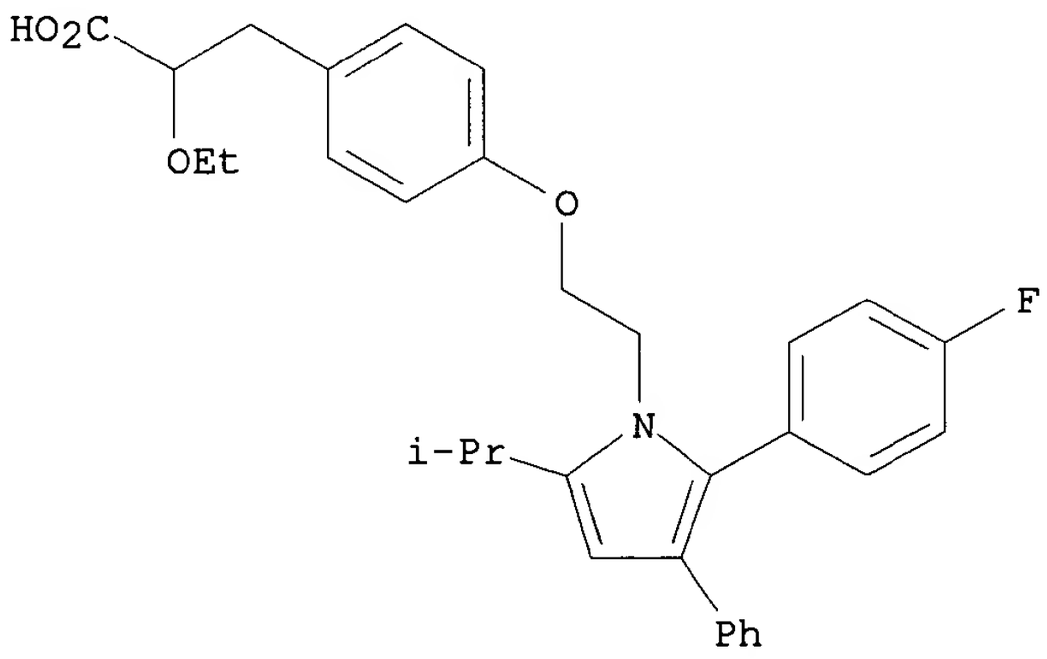
Rotation (+).

09928242

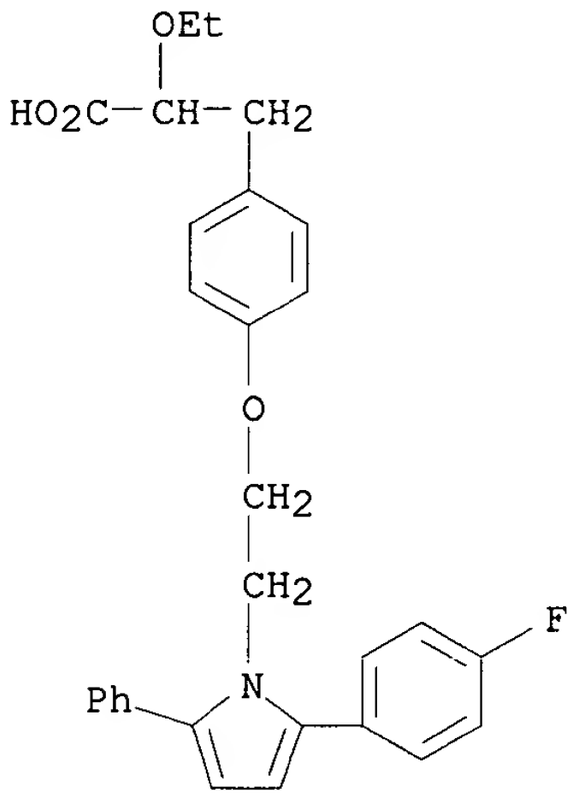


RN 351426-67-0 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-1H-pyrrol-1-yl]ethoxy]-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

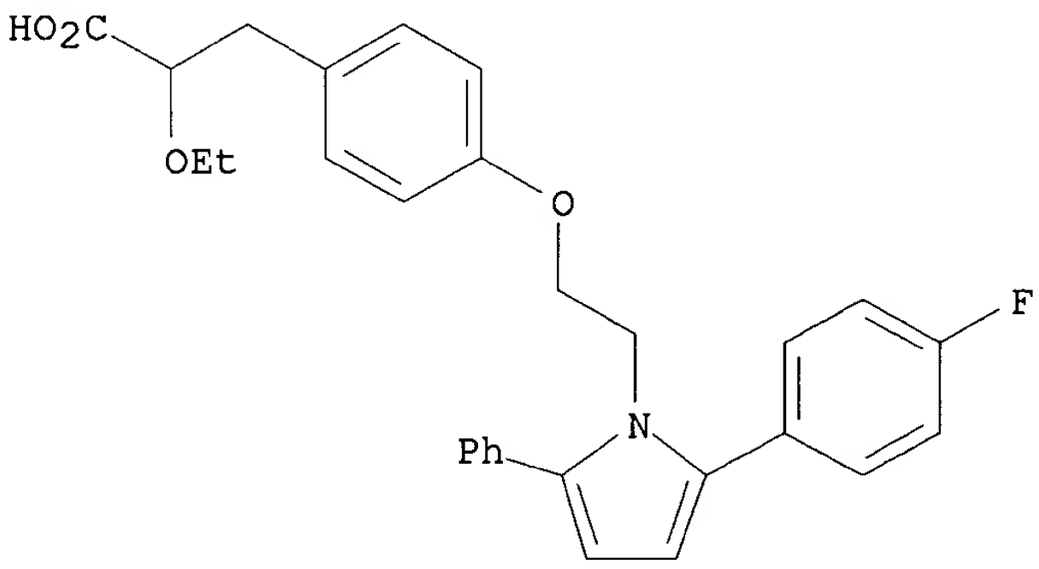


RN 351426-68-1 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-phenyl-1H-pyrrol-1-yl]ethoxy]- (9CI) (CA INDEX NAME)



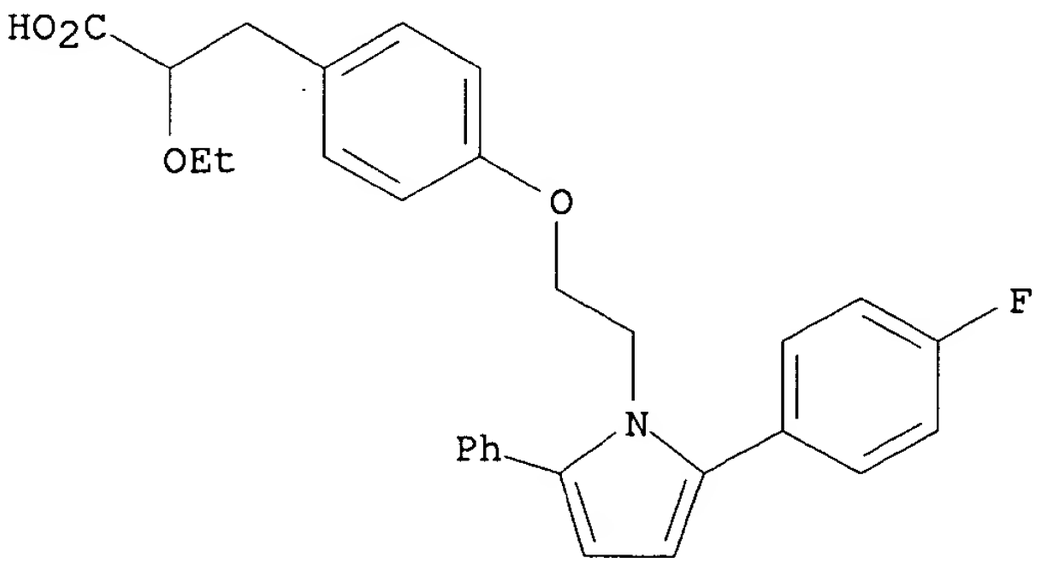
RN 351426-69-2 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-phenyl-1H-pyrrol-1-yl]ethoxy]-, (+)- (9CI) (CA INDEX NAME)

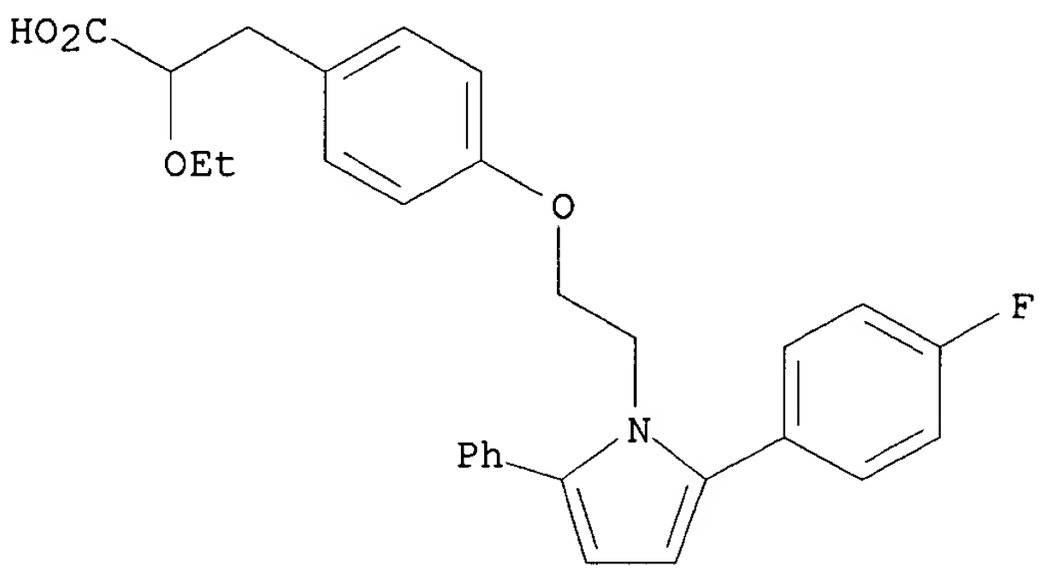
Rotation (+).



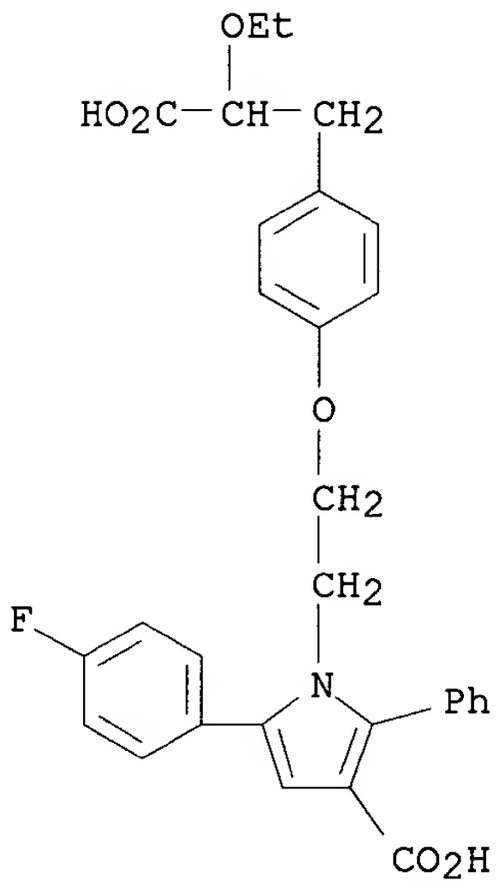
RN 351426-70-5 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-phenyl-1H-pyrrol-1-yl]ethoxy]-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).



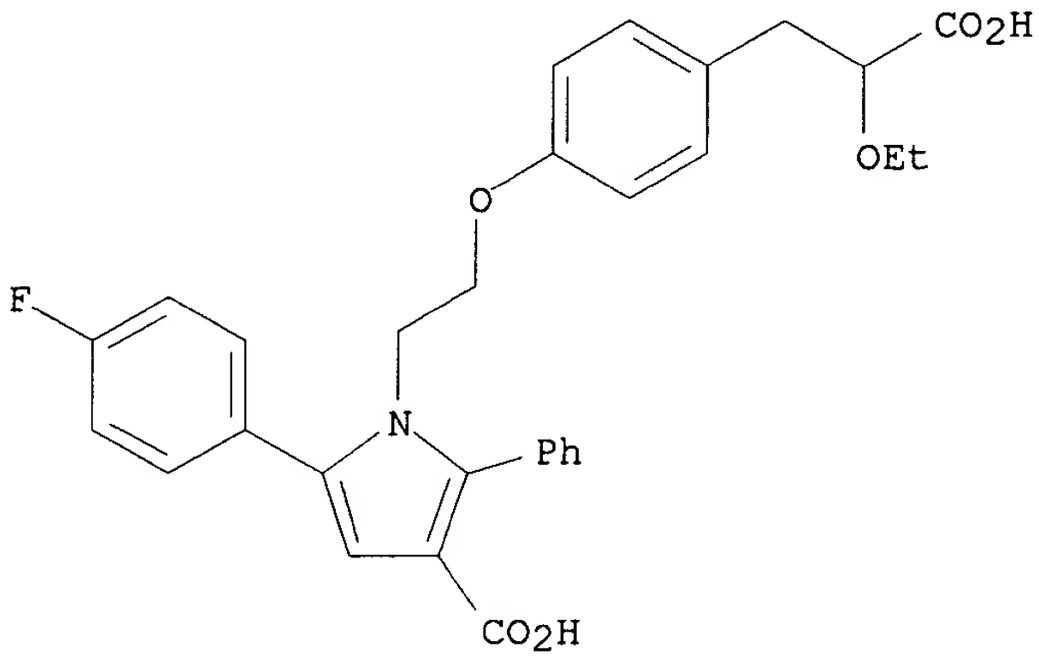


RN 351426-71-6 CAPLUS
CN 1H-Pyrrole-3-carboxylic acid, 1-[2-[4-(2-carboxy-2-ethoxyethyl)phenoxy]ethyl]-5-(4-fluorophenyl)-2-phenyl- (9CI) (CA INDEX NAME)



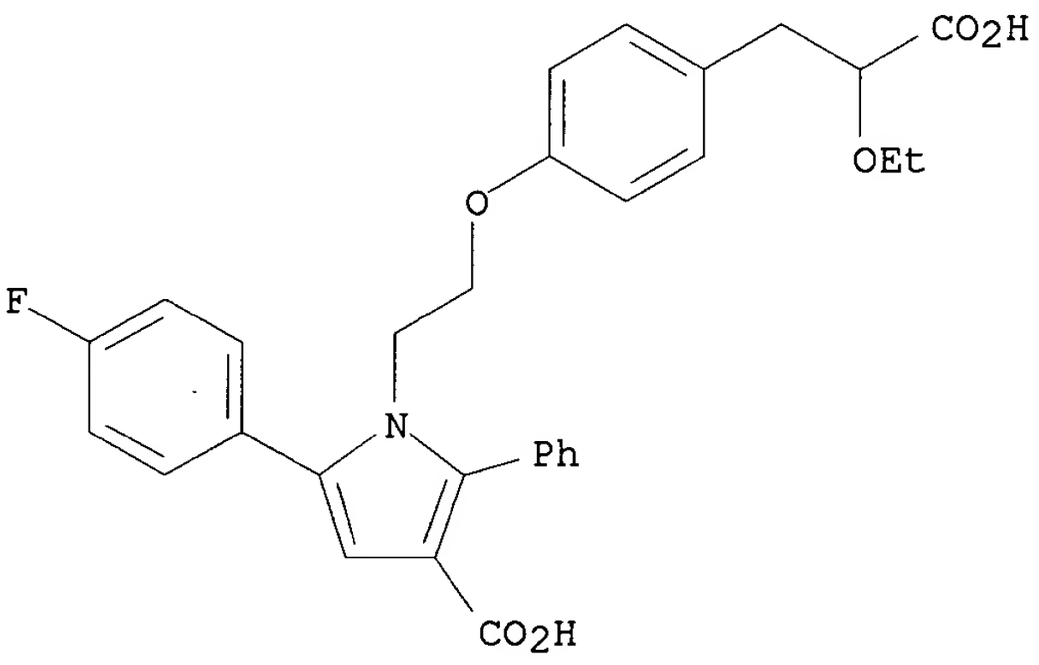
RN 351426-72-7 CAPLUS
CN 1H-Pyrrole-3-carboxylic acid, 1-[2-[4-(2-carboxy-2-ethoxyethyl)phenoxy]ethyl]-5-(4-fluorophenyl)-2-phenyl-, (+)- (9CI) (CA INDEX NAME)

Rotation (+).

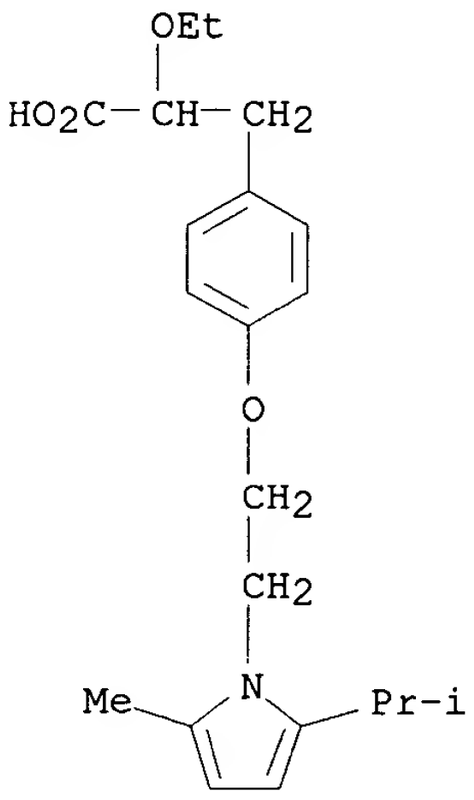


RN 351426-73-8 CAPLUS
CN 1H-Pyrrole-3-carboxylic acid, 1-[2-[4-(2-carboxy-2-ethoxyethyl)phenoxy]ethyl]-5-(4-fluorophenyl)-2-phenyl-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

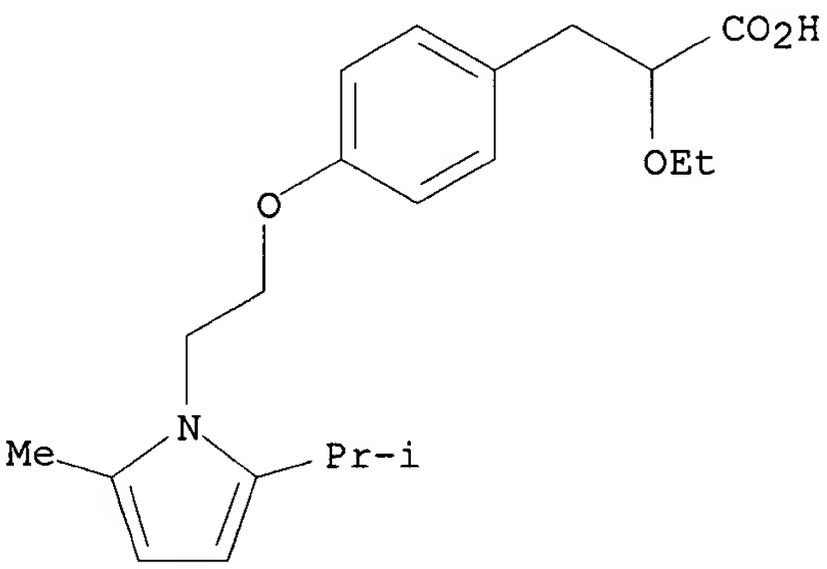


RN 351426-74-9 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-methyl-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]- (9CI) (CA INDEX NAME)



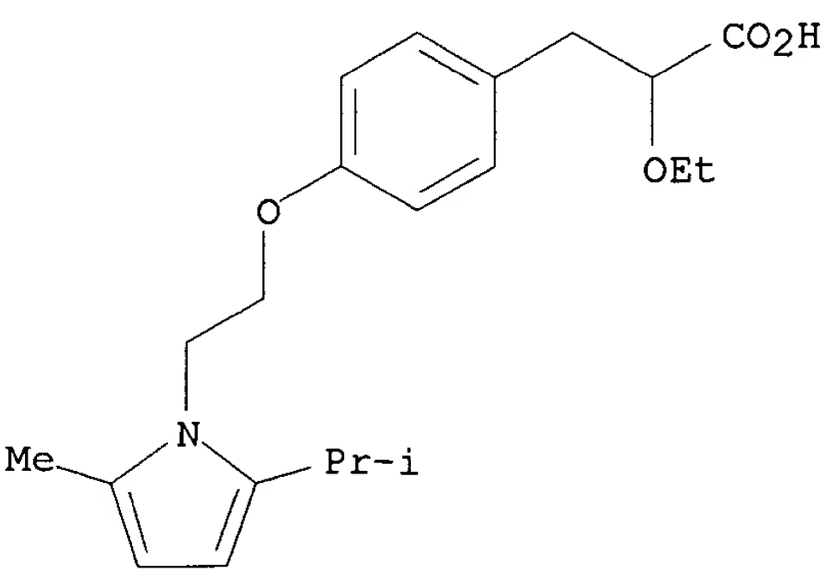
RN 351426-75-0 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-methyl-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, (+)- (9CI) (CA INDEX NAME)

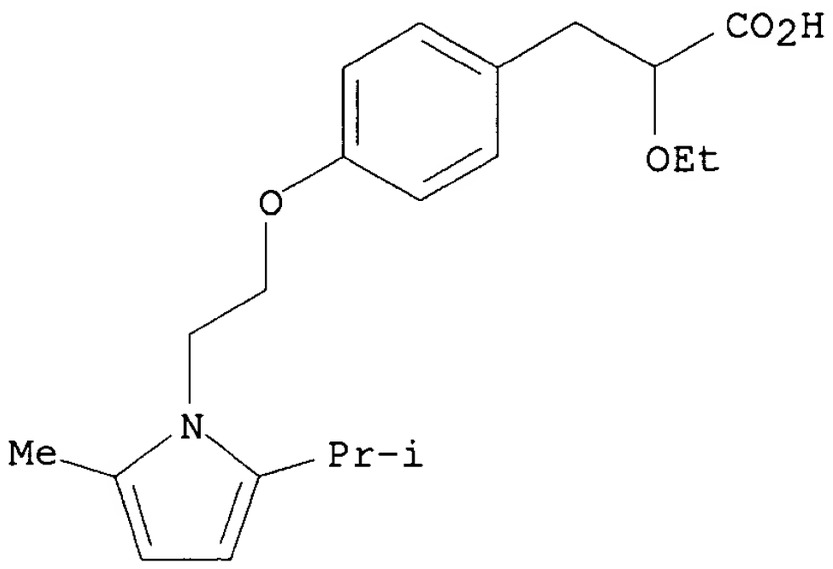
Rotation (+).



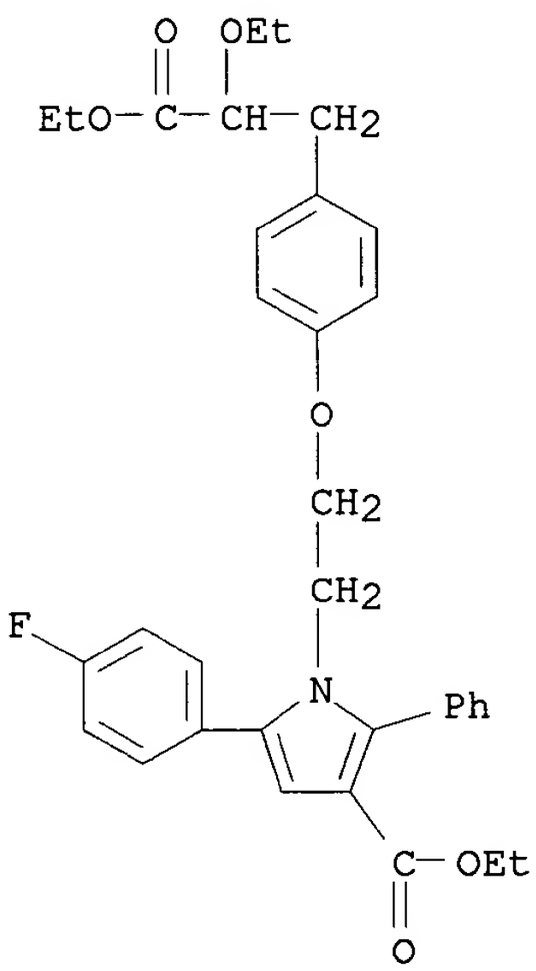
RN 351426-76-1 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-methyl-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).

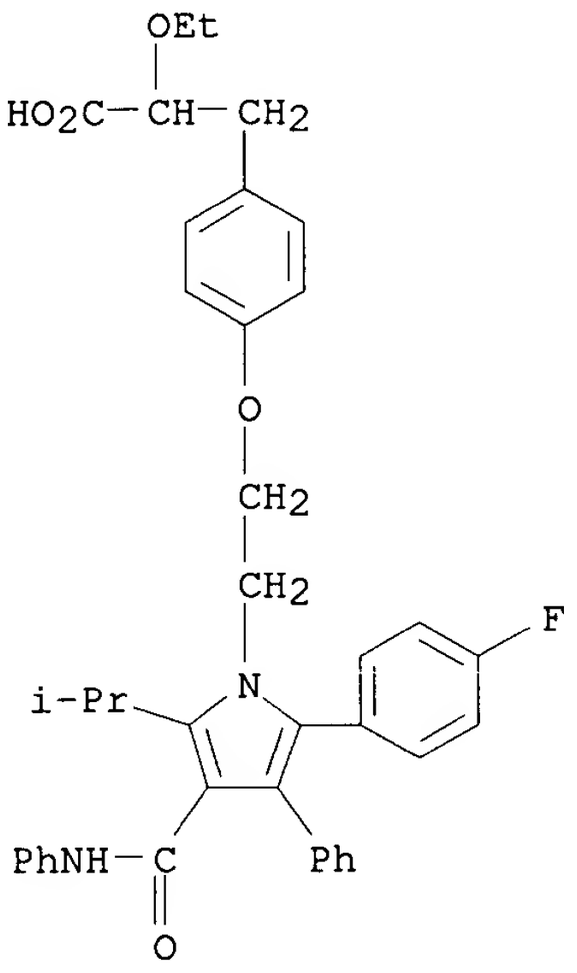




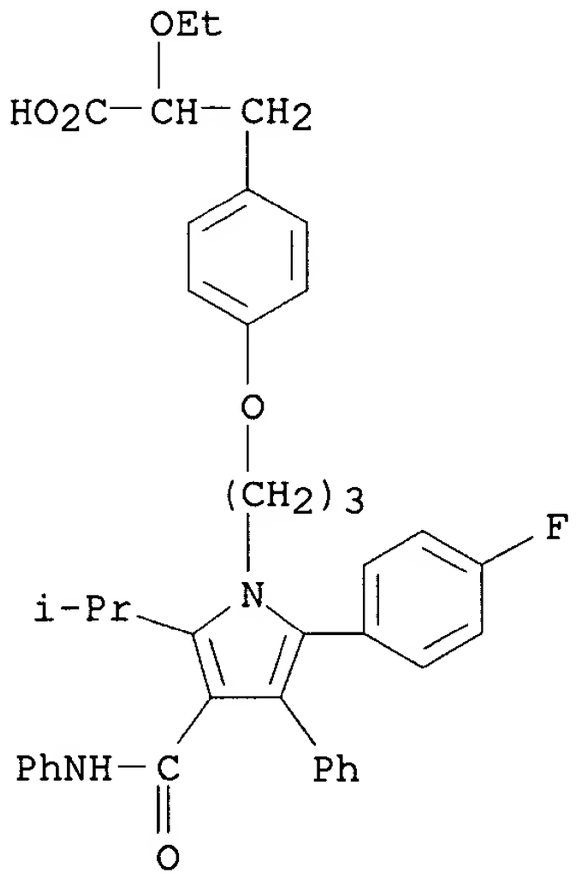
RN 351426-77-2 CAPLUS
CN 1H-Pyrrole-3-carboxylic acid, 1-[2-[4-(2,3-diethoxy-3-oxopropyl)phenoxy]ethyl]-5-(4-fluorophenyl)-2-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



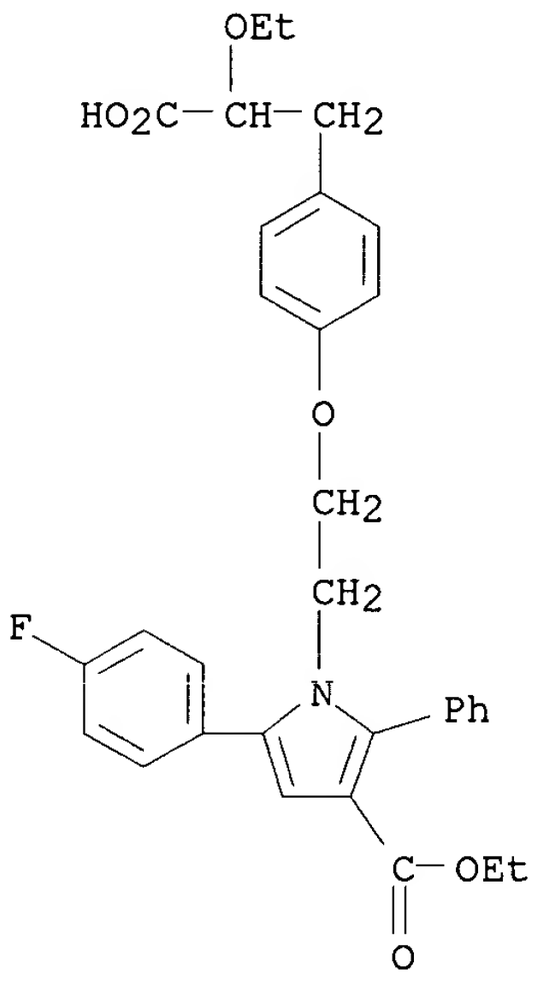
RN 351426-78-3 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrol-1-yl]ethoxy]- (9CI) (CA INDEX NAME)



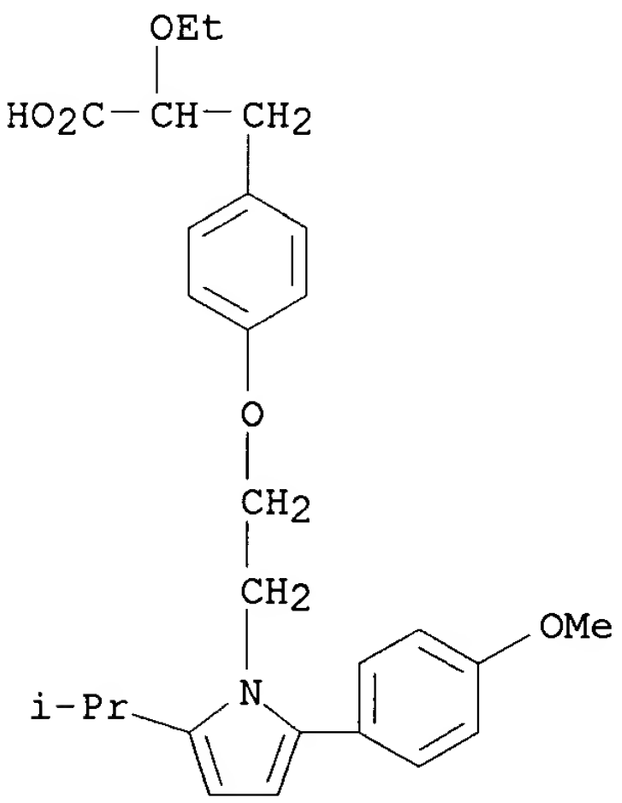
RN 351426-79-4 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[3-[2-(4-fluorophenyl)-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrol-1-yl]propoxy]- (9CI) (CA INDEX NAME)



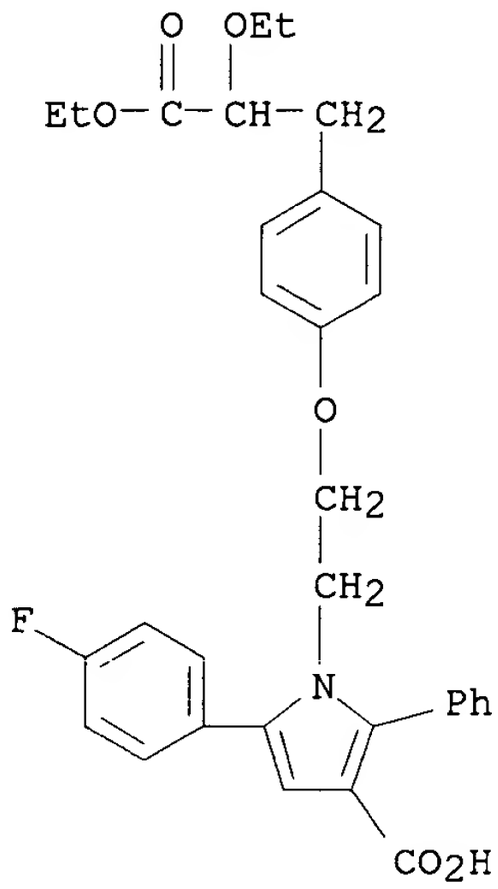
RN 351426-80-7 CAPLUS
CN 1H-Pyrrole-3-carboxylic acid, 1-[2-[4-(2-carboxy-2-ethoxyethyl)phenoxy]ethyl]-5-(4-fluorophenyl)-2-phenyl-, 3-ethyl ester (9CI) (CA INDEX NAME)



RN 351426-81-8 CAPLUS
CN Benzenepropanoic acid, .alpha.-ethoxy-4-[2-[2-(4-methoxyphenyl)-5-(1-methylethyl)-1H-pyrrol-1-yl]ethoxy]-, sodium salt (9CI) (CA INDEX NAME)



RN 351427-20-8 CAPLUS
CN 1H-Pyrrole-3-carboxylic acid, 1-[2-[4-(2,3-diethoxy-3-oxopropyl)phenoxy]ethyl]-5-(4-fluorophenyl)-2-phenyl- (9CI) (CA INDEX NAME)



L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:418850 CAPLUS
DOCUMENT NUMBER: 134:367190
TITLE: Preparation of N-aroyl amino acids as cell adhesion inhibitors
INVENTOR(S): Chang, Linda L.; Delaszlo, Stephen E.; Hagmann, William K.; Kamenecka, Theodore M.
PATENT ASSIGNEE(S): Merck & Co Inc., USA
SOURCE: Brit. UK Pat. Appl., 56 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2354440	A1	20010328	GB 2000-17279	20000714

PRIORITY APPLN. INFO.: US 1999-144772P P 19990720
OTHER SOURCE(S): MARPAT 134:367190

AB N-aroyl amino acids R1CONR2CR3(X-R4)-Y-CO2H [R1 = aryl, heteroaryl; R2 = H, C1-10alkyl, C2-10alkenyl or -alkynyl, C3-7cycloalkyl, aryl, heteroaryl; R3 = H, C1-10alkyl, C2-10alkenyl or -alkynyl, aryl; R4 = Ph, or 4-substituted phenyl; X, Y = bond or C1-2alkylene] were prepd. as cell adhesion inhibitors. Thus, N-acyl-4-(2-cyanophenyl)-L-phenylalanine (acyl = benzoyl, 2- or 3-furoyl, 2-, 3-, or 4-furoyl, 2-picolinoyl) were prepd. by the solid-phase method. Pharmaceutical compns. contg. N-aroyl amino acids are described.

IT **340291-42-1P 340291-43-2P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of N-aroyl amino acids as cell adhesion inhibitors)

RN 340291-42-1 CAPLUS
CN L-Tyrosine, N-[(1,1-dimethylethoxy)carbonyl]-, 1,1-dimethylethyl ester, 1H-pyrrole-1-carboxylate (ester) (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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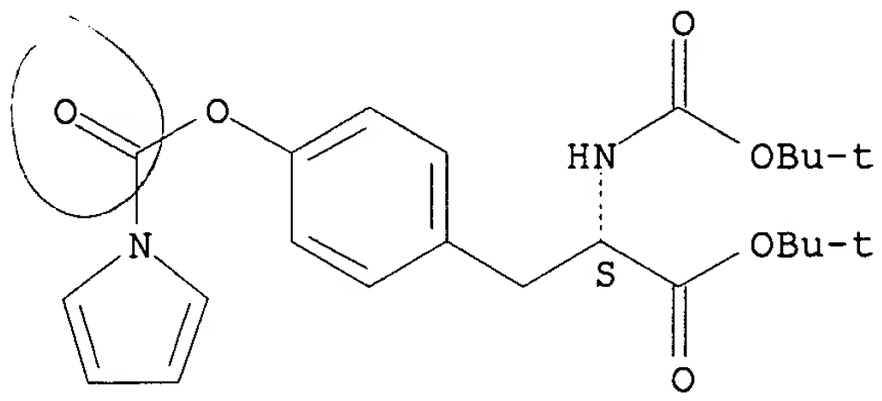
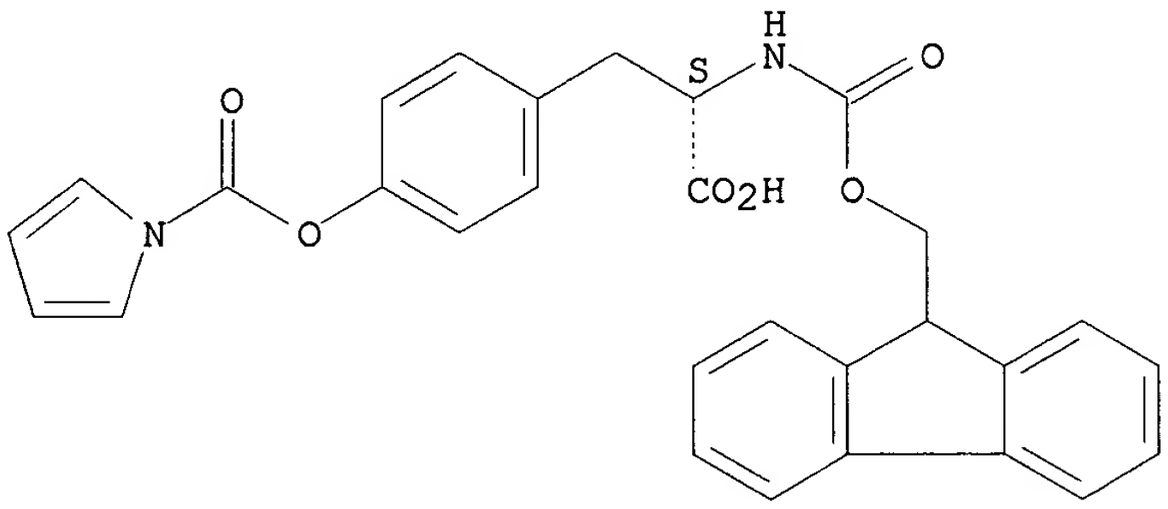


RN 340291-43-2 CAPLUS
CN L-Tyrosine, N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 1H-pyrrole-1-carboxylate (ester) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:237851 CAPLUS
DOCUMENT NUMBER: 134:252261
TITLE: Preparation of heterocyclylcarbonylamino-modified phenylpropanes and their use as integrin VLA-4 binding inhibitors
INVENTOR(S): Yokota, Masaki; Nagashima, Shinya; Sugane, Takashi; Igarashi, Susumu; Moridaira, Koichiro; Miura, Ayanori; Ikeda, Masaru; Takeuchi, Makoto
PATENT ASSIGNEE(S): Yamanouchi Pharmaceutical Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 20 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

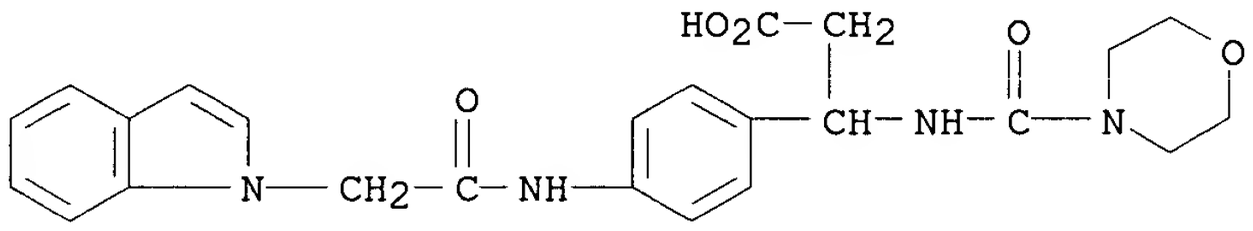
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001089448	A2	20010403	JP 1999-271096	19990924

OTHER SOURCE(S): MARPAT 134:252261
AB 4-RcCH2CONRdC6H4CH(NReCORb)CH2CO2Ra [Ra = H, ester residue (prodrug); Rb = morpholino, 2,4-dioxo-1,2,3,4-tetrahydropyrimidin-5-yl; Rc = (un)substituted (hetero)aryl; Rd, Re = H, lower alky], useful for treatment of asthma, allergy, rheumatoid arthritis, autoimmune disease, rejection, inflammation, arteriosclerosis, cancer metastasis, diabetes, etc., are prepd. Thus, a soln. of 5-methoxyindoleacetic acid and Et (RS)-3-(4-aminophenyl)-3-[(morpholine-4-carbonyl)amino]propanoate in DMF

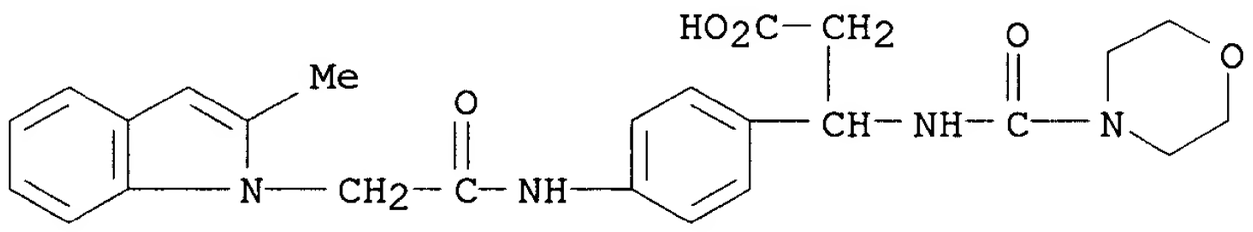
was treated with WSC.HCl and HOBt at room temp. for 20 h to give the corresponding amide.

IT **331681-27-7P 331681-29-9P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of heterocyclylcarbonylamino-modified phenylpropanes as integrin VLA-4 binding inhibitors for treatment of diseases)

RN 331681-27-7 CAPLUS
CN Benzenepropanoic acid, 4-[(1H-indol-1-ylacetyl)amino]-.beta.-[(4-morpholinylcarbonyl)amino]- (9CI) (CA INDEX NAME)



RN 331681-29-9 CAPLUS
CN Benzenepropanoic acid, 4-[[(2-methyl-1H-indol-1-yl)acetyl]amino]-.beta.-[(4-morpholinylcarbonyl)amino]- (9CI) (CA INDEX NAME)



L4 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:873308 CAPLUS
DOCUMENT NUMBER: 134:41915
TITLE: Preparation of 3-Aromatic-substituted propionic acid or acrylic acid derivatives as antidiabetics
INVENTOR(S): Kitajima, Hiroshi; Nakamura, Koji; Tamagawa, Hiroki
PATENT ASSIGNEE(S): Wellfide K. K., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 94 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000344748	A2	20001212	JP 2000-89964	20000328

PRIORITY APPLN. INFO.: JP 1999-87308 A 19990329
OTHER SOURCE(S): MARPAT 134:41915
GI

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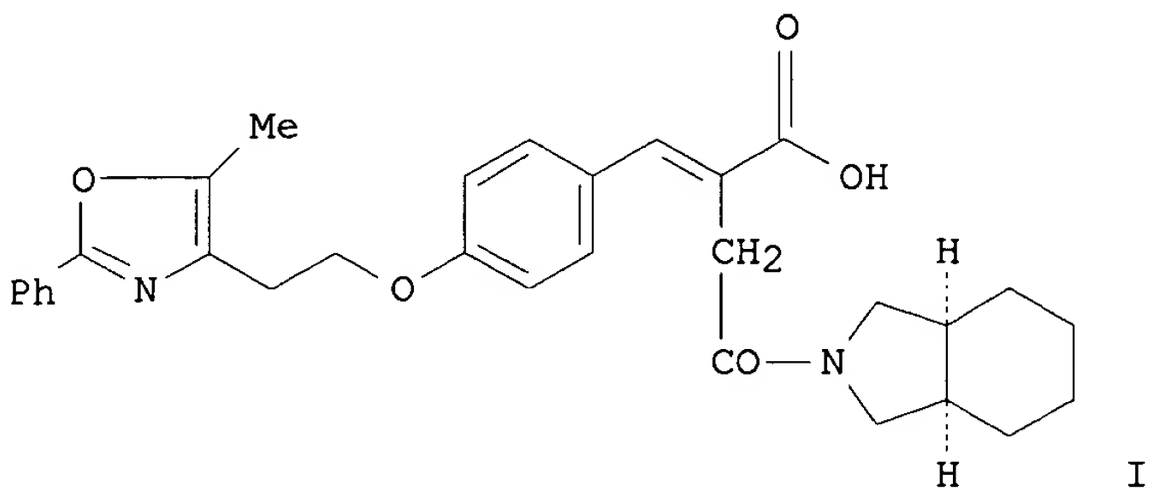


I

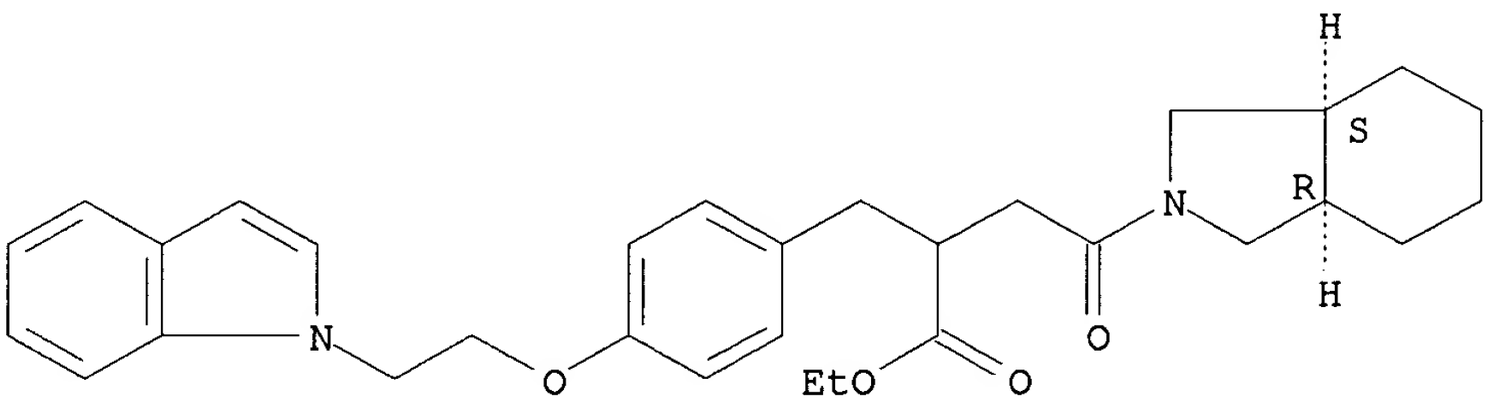
AB Title compds. [ZY(CH2)nXArCRR1CR2(ACOR4)CO2R3; R = H, alkyl; R1R2 independently = H, alkyl; R3 = H, alkyl; R4 = NH2, alkylamino, cycloalkyamino; A = CH2, NH, alkylamino; Ar = aryl, heterocyclyl; X = bond, NH, alkylamino, S, SO, SO2, CONR5, NR6CO; R5 = H, alkyl; R6 = alkyl, H; n = 1, 2, 3, 4, 5; Y = bond, NH, alkyl, S, SO, SO2, CONH; Z = pyridyl, benzimidazolyl, benzoxazolyl, oxazolyl, thiazolyl, benzothiazolyl] and pharmaceutical salts are prepd. as antidiabetics which promote insulin secretion and improve action toward insulin resistant. Thus, the title compd. I was prepd. and tested.

IT **312690-22-5P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of arom. substituted propionic acid or acrylic acid derivs. as antidiabetics)

RN 312690-22-5 CAPLUS

CN 2H-Isoindole-2-butanoic acid, octahydro-.alpha.-[[4-[2-(1H-indol-1-yl)ethoxy]phenyl]methyl]-.gamma.-oxo-, ethyl ester, (3aR,7aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT **312688-77-0P**
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of arom. substituted propionic acid or acrylic acid derivs. as antidiabetics)

RN 312688-77-0 CAPLUS

CN 2H-Isoindole-2-butanoic acid, octahydro-.alpha.-[[4-[2-(1H-indol-1-yl)ethoxy]phenyl]methyl]-.gamma.-oxo-, (3aR,7aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

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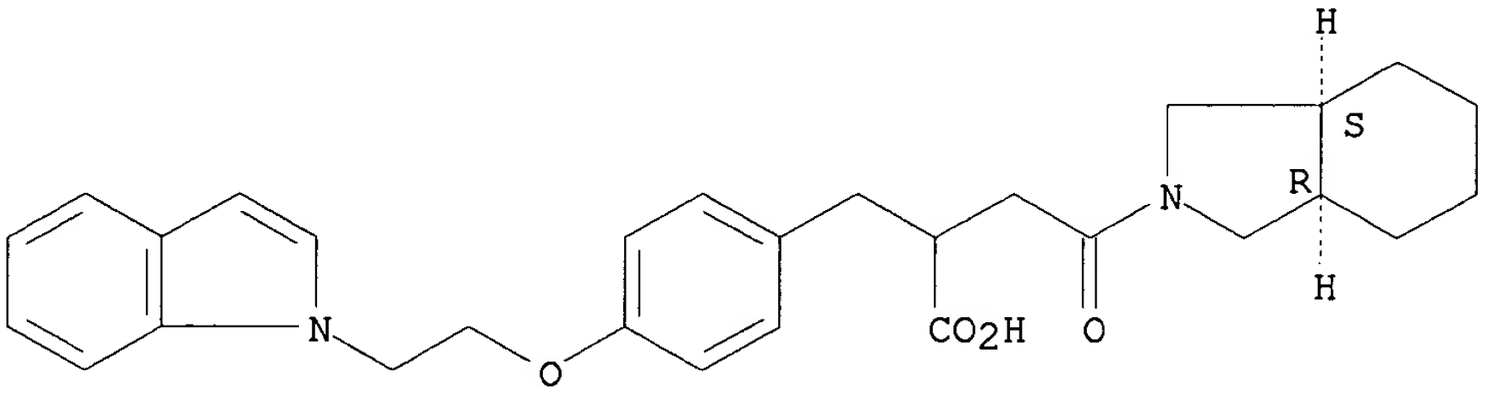
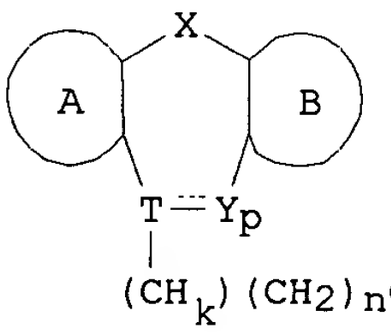


L4 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:756707 CAPLUS
DOCUMENT NUMBER: 133:321874
TITLE: Preparation of malonic acid derivatives useful in the treatment and/or prevention of conditions mediated by Peroxisome Proliferator-Activated Receptors
INVENTOR(S): Jeppesen, Lone; Sauerberg, Per; Murray, Anthony; Bury, Paul Stanley
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 53 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000063209	A1	20001026	WO 2000-DK191	20000417
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1171438	A1	20020116	EP 2000-918726	20000417
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
US 2002010171	A1	20020124	US 2001-878670	20010611

PRIORITY APPLN. INFO.: DK 1999-535 A 19990420
WO 2000-DK191 W 20000417
US 2000-551497 A1 20000418

OTHER SOURCE(S): MARPAT 133:321874
GI



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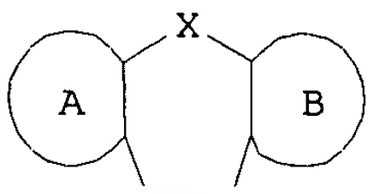


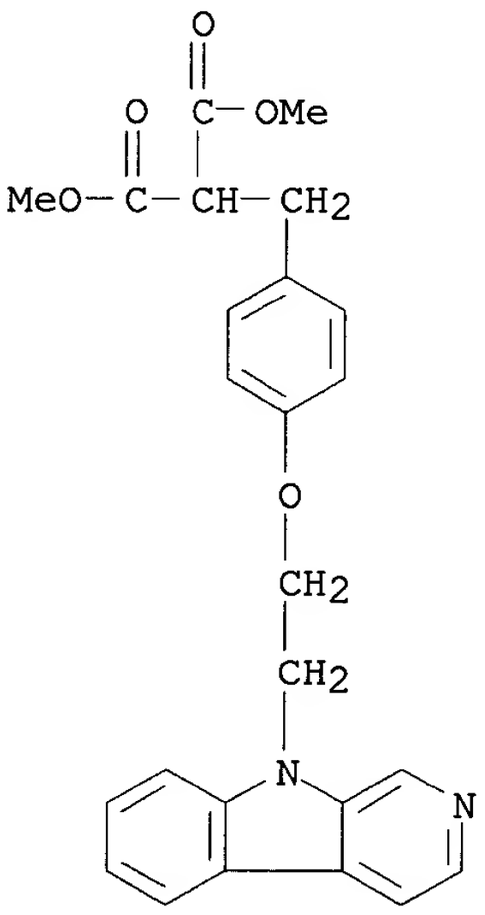
$(CH_k)(CH_2)_nO_mArCR^1R^2CR^3(COZR^4)COQR^5$ I

AB The title compds. I [ring A and ring B, fused to the ring contg. X and T, independently of each other represents a 5-6 membered cyclic ring, optionally substituted; T is N or CR14; Y is C, O, S, CO, SO, SO2, NR11; k = 1, 2; Ar = arylene, heteroarylene, divalent heterocyclic group; R1 = H, OH, halo, alkoxy, etc.; R2 = H, OH, alkyl, alkynyl, etc.; R3 = H, OH, alkyl, etc.; R4 = H, alkenylyl, aryl, etc.; R5 = H, alkyl, heteroaryl, etc.; Z = O, NR12; Q = O, NR13; n = 0-3; m = 0-1; p = 0-1], useful in the treatment and/or prevention of conditions mediated by nuclear receptors, in particular the Peroxisome Proliferator-Activated Receptors (PPAR), were prepd. E.g., 2-[4-(2-.beta.-carbolin-9-yl-ethoxy)benzyl]malonic acid hydrochloride was prepd.

IT **302589-14-6P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(prepn. of malonic acid derivs. useful in the treatment and/or prevention of conditions mediated by peroxisome proliferator-activated receptors)

RN 302589-14-6 CAPLUS

CN Propanedioic acid, [[4-[2-(9H-pyrido[3,4-b]indol-9-yl)ethoxy]phenyl]methyl]-, dimethyl ester (9CI) (CA INDEX NAME)



IT **302589-15-7P 302589-17-9P 302589-18-0P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

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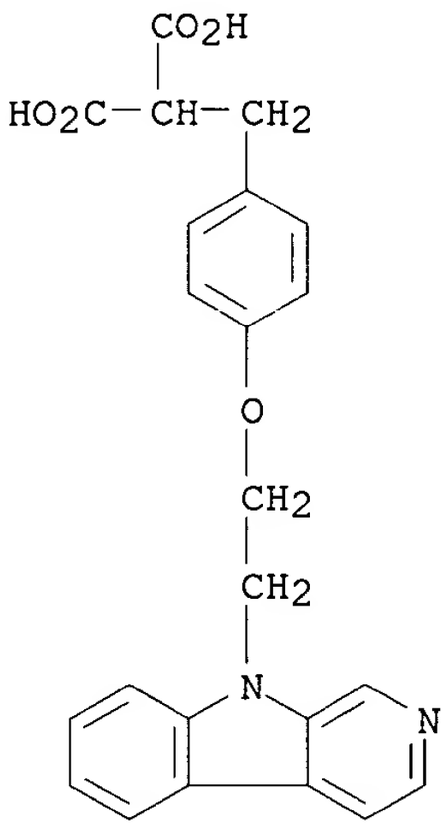
(prepn. of malonic acid derivs. useful in the treatment and/or prevention of conditions mediated by peroxisome proliferator-activated receptors)

RN 302589-15-7 CAPLUS

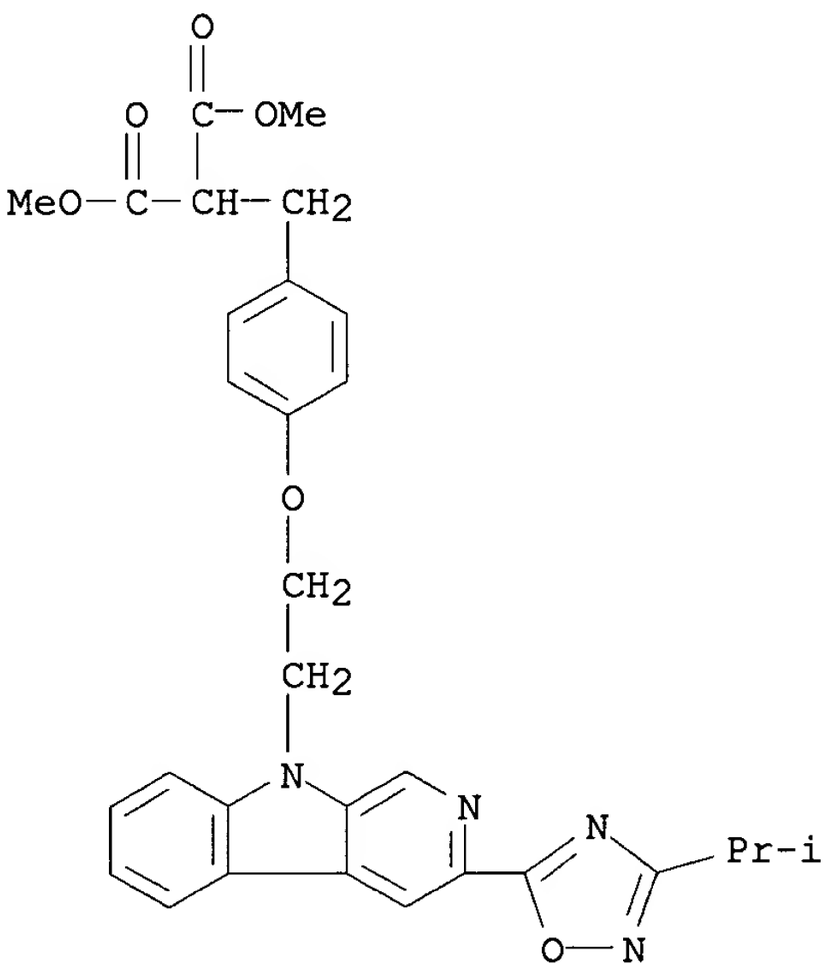
CN Propanedioic acid, [[4-[2-(9H-pyrido[3,4-b]indol-9-yl)ethoxy]phenyl]methyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 302589-17-9 CAPLUS

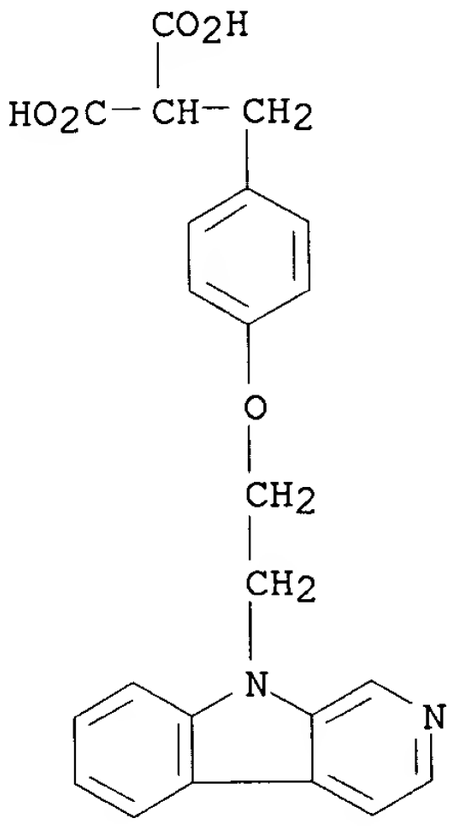
CN Propanedioic acid, [[4-[2-[3-[3-(1-methylethyl)-1,2,4-oxadiazol-5-yl]-9H-pyrido[3,4-b]indol-9-yl]ethoxy]phenyl]methyl]-, dimethyl ester (9CI) (CA INDEX NAME)



RN 302589-18-0 CAPLUS

CN Propanedioic acid, [[4-[2-(9H-pyrido[3,4-b]indol-9-

yl)ethoxy]phenyl]methyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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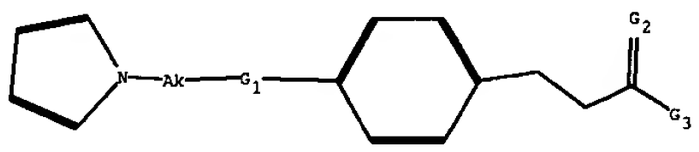

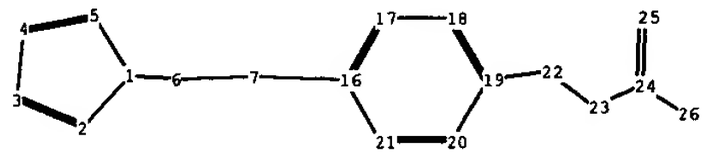

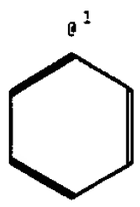

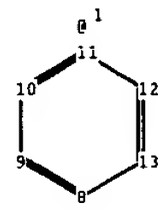

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ring nodes :
1 2 3 4 5 8 9 10 11 12 13 16 17 18 19 20 21
chain bonds :
1-6 6-7 7-16 19-22 22-23 23-24 24-25 24-26
ring bonds :
1-2 1-5 2-3 3-4 4-5 8-9 8-13 9-10 10-11 11-12 12-13 16-17
16-21 17-18 18-19 19-20 20-21
exact/norm bonds :
1-2 1-5 1-6 2-3 3-4 4-5 6-7 7-16 24-25 24-26
exact bonds :
19-22 22-23 23-24
normalized bonds :
8-9 8-13 9-10 10-11 11-12 12-13 16-17 16-21 17-18 18-19 19-20
20-21

G1:C,O,S,N,[*1]

G2:O,S

G3:O,S,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom

21:Atom 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS

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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28	Oct 21	EVENTLINE has been reloaded
NEWS 29	Oct 24	BEILSTEIN adds new search fields
NEWS 30	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS 32	Nov 18	DKILIT has been renamed APOLLIT

NEWS EXPRESS	October 14 CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that

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specific topic.

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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:54:54 ON 21 NOV 2002

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:55:20 ON 21 NOV 2002
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STRUCTURE FILE UPDATES: 20 NOV 2002 HIGHEST RN 474043-36-2
DICTIONARY FILE UPDATES: 20 NOV 2002 HIGHEST RN 474043-36-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> d
ENTER NAME OF ITEM TO BE DISPLAYED OR (?):
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=>
0 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

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=>
0 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=>
0 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=>
0 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=>
0 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=>
Uploading 09928242.str

L1      STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> s l1 sss sam
SAMPLE SEARCH INITIATED 14:55:57 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    9083 TO ITERATE

 11.0% PROCESSED    1000 ITERATIONS                            1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       175954 TO   187366
PROJECTED ANSWERS:               1 TO      361

L2            1 SEA SSS SAM L1

=>
=> fil caplus
COST IN U.S. DOLLARS                             SINCE FILE      TOTAL
                                                      ENTRY    SESSION
FULL ESTIMATED COST                                   12.54      12.75
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09928242

FILE 'CAPLUS' ENTERED AT 15:14:55 ON 21 NOV 2002

FILE COVERS 1907 - 21 Nov 2002 VOL 137 ISS 21
FILE LAST UPDATED: 20 Nov 2002 (20021120/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

```
=> s l2 full
L3              1 L2

=> d l3 ibib abs hitstr

L3   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2002 ACS
ACCESSION NUMBER:         2000:277989  CAPLUS
DOCUMENT NUMBER:          132:313703
TITLE:                    Heterocyclic condensed ring compounds in treatment
                          and/or prevention of conditions mediated by peroxisome
                          proliferator-activated receptors.
INVENTOR(S):              Jeppesen, Lone; Bury, Paul Stanley; Sauerberg, Per
PATENT ASSIGNEE(S):       Novo Nordisk A/S, Den.; Reddy's Research Foundation
SOURCE:                   PCT Int. Appl., 59 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.          KIND  DATE          APPLICATION NO.   DATE
     ----------------    ----  --------      ----------------  --------
     WO 2000023451        A1   20000427      WO 1999-DK573     19991019
         W:  AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
             CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
             IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
             MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
             SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ,
             BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
             DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
             CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     AU 9963257           A1   20000508      AU 1999-63257     19991019
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09928242

EP 1123297	A1	20010816	EP 1999-950503		19991019
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO					
US 6365586	B1	20020402	US 1999-420347		19991019
JP 2002527520	T2	20020827	JP 2000-577177		19991019
US 2002055502	A1	20020509	US 2001-994986		20011127
US 2002061876	A1	20020523	US 2001-995177		20011127
US 2002061880	A1	20020523	US 2001-995324		20011127
US 2002065267	A1	20020530	US 2001-994971		20011127
US 2002065268	A1	20020530	US 2001-995137		20011127
PRIORITY APPLN. INFO.:			DK 1998-1354	A	19981021
			US 1998-105913P	P	19981021
			US 1999-420347	A3	19991019
			WO 1999-DK573	W	19991019

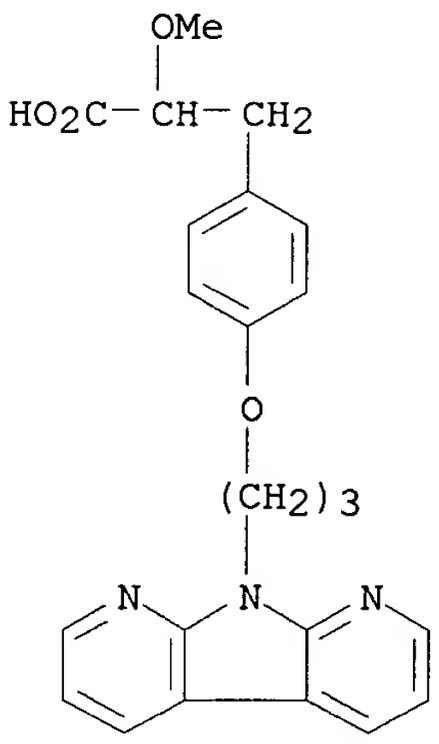
OTHER SOURCE(S): MARPAT 132:313703

AB Heterocyclic arom. compds. such as 3-[4-[2-(8,9-dihydro-3,5-dithia-4-azacyclopenta{f}azulen-4-yl)ethoxy]phenyl]-2-ethoxypropionic acid are useful in the treatment and/or prevention of conditions mediated by nuclear receptors, in particular the Peroxisome Proliferator-Activated Receptors (PPAR).

IT **265318-44-3**
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(heterocyclic condensed ring compds. in treatment and/or prevention of conditions mediated by peroxisome proliferator-activated receptors)

RN 265318-44-3 CAPLUS

CN Benzenepropanoic acid, .alpha.-methoxy-4-[3-(9H-pyrrolo[2,3-b:5,4-b']dipyridin-9-yl)propoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT